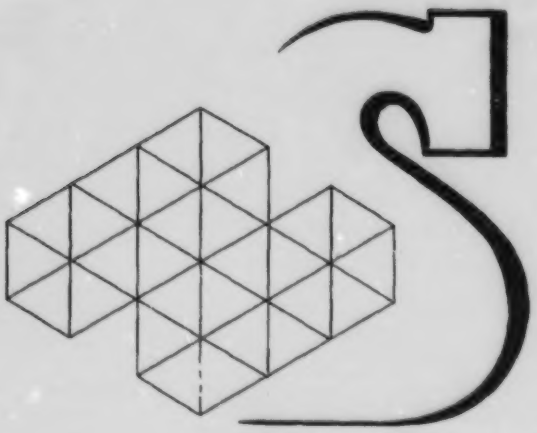

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Army Combat Clothing & Equipment Survey System for the Canadian Distruptive Pattern (CADPAT) User Trial

Contract No. W7711-7-7429/01-SRV
Order No. 7429-17

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Army Combat Clothing & Equipment Survey System (ACCESS) for the Canadian Disruptive Pattern (CADPAT) User Trial

by

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(Order No. 7429-17)

On behalf of
DEPARTMENT OF NATIONAL DEFENCE

As represented by
Defence and Civil Institute of Environmental Medicine
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March 2000

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EXECUTIVE SUMMARY

A new Army camouflage pattern, known as the Canadian Disruptive Pattern (CADPAT) has been developed after years of computer based testing and development. The Clothe the Soldier project will incorporate the new camouflage pattern in the initial production of some of its items. To obtain user feedback, five CADPAT items (combat shirt, combat trousers, T-shirt, rainsuit, and wide brimmed combat hat) were developed and distributed to soldiers for the purposes of a User trial. Several design changes were incorporated into the trial garments. It was determined that the Army Combat Clothing and Equipment Survey System (ACCESS) would be used to gather feedback and information regarding the CADPAT clothing. This feedback would be used to determine which changes would be included in the final production.

The primary aim of this project was to obtain feedback on washability, wearability, and durability of the CADPAT print on the textiles used in five CADPAT items. These included combat shirts, combat trousers, T-shirts, rainsuits, and wide-brimmed combat hats.

The secondary aim of the project was to obtain feedback on the specific design feature changes incorporated in the CADPAT uniform. Feedback included individual acceptability of each design change, and acceptability as part of the total uniform.

Packages with instructions were sent and distributed to CADPAT user trial participants at three Army Units including LFCA (3RCR), LFWA (3PPCLI), and SQFT (R22eR). Respondents completed the questionnaires in classrooms under the supervision of a representative of DLR. Completed packages were collected by the DLR representative and returned for data reduction and analyses. Some CWOs from areas across the Land Forces also received some CADPAT trial items. These participants were mailed questionnaires along with return envelopes. A Focus group was held following the preliminary analyses of the questionnaires to identify issues regarding the CADPAT items.

The questionnaires were completed by 43 regular force soldiers from 3PPCLI, 61 participants from 3RCR, 20 participants from 3 R22eR, and 27 CWOs. Detailed questionnaire results are provided for each CADPAT trial item. For each CADPAT trial clothing, items rated acceptable overall by less than 80% of participants or with overall mean ratings less then 4 "Largely Acceptable" (on a five-point scale) are identified and discussed in detail. Relative focus group comments are provided for possible design guidance.

Participants indicated that outer-garments, the Rucksack and the TAV should be given higher priority for introduction of CADPAT in combat clothing and equipment.

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REFERENCES

A KUMAGAI, J.K. & TACK, D.W. (1999). *Army Combat Clothing & Equipment Survey System Part 3: Implementation Trials and Stakeholder Interviews.* Humansystems Incorporated Contractor Report. DCIEM contract W7711-6-7286/01-SRV.

1.0 INTRODUCTION

A new Army camouflage pattern, known as the Canadian Disruptive Pattern (CADPAT) has been developed after years of computer based testing and development. The Clothe the Soldier project will incorporate the new camouflage pattern in the initial production of some of its items. To obtain user feedback, five CADPAT items (combat shirt, combat trousers, T-shirt, rainsuit, and wide brimmed combat hat) were developed and distributed to soldiers for the purposes of a User trial. Several design changes were incorporated into the trial garments. It was determined that the Army Combat Clothing and Equipment Survey System (ACCESS) would be used to gather feedback and information regarding the CADPAT clothing. This feedback would be used to determine which changes would be included in the final production.

User feedback has demonstrated that User involvement is invaluable in identifying clothing and equipment deficiencies and providing guidance for future development and procurement efforts. Based on the need to build on the success of earlier projects eliciting User feedback, DCIEM undertook the development of a standardized, questionnaire survey system (i.e. the Army Combat Clothing and Equipment Survey System or ACCESS). This system has demonstrated its potential for collecting and analyzing User feedback on clothing and equipment issues (see Reference A).

1.1 Aim

The primary aim of this project was to obtain feedback on washability, wearability, and durability of the CADPAT print on the textiles used in five CADPAT items. These included combat shirts, combat trousers, T-shirts, rainsuits, and wide-brimmed combat hats.

The secondary aim of the project was to obtain feedback on the specific design feature changes incorporated in the CADPAT uniform. Feedback included individual acceptability of each design change, and acceptability as part of the total uniform.

Detailed questionnaires were administered remotely to three Army Units. Focus Group discussions were conducted with one of the Army Units to clarify results of the questionnaires.

2.0 METHOD

This project included the development and distribution of CADPAT ACCESS questionnaires, as well as a focus group of the CADPAT items.

Questionnaires were produced for five clothing items using the ACCESS format and methodology. Packages with instructions were sent and distributed to CADPAT user trial participants at three Army Units including LFCA (3RCR), LFWA (3PPCLI), and SQFT (R22eR). Respondents completed the questionnaires in classrooms under the supervision of a representative of DLR. Completed packages were collected by the DLR representative and returned for data reduction and analyses. Some CWOs from areas across the Land Forces also received some CADPAT trial items. These participants were mailed questionnaires along with return envelopes.

A Focus group was held following the preliminary analyses of the questionnaires to identify issues regarding the CADPAT items.

Methods are discussed in further detail below.

2.1 CADPAT ACCESS Questionnaires

ACCESS detailed questionnaires are designed to focus on a large number of questions for a small number of different items. The style of the questionnaires was consistent with previously used ACCESS questionnaires to ensure utility and usability was retained. An example of the CADPAT ACCESS questionnaire package is provided in Annex A. The package consisted of instructions for filling out the questionnaires, definitions of terms, personal information, a questionnaire for each CADPAT item of clothing, and a CADPAT Prioritization questionnaire. The five items of CADPAT clothing that were investigated included:

1. Combat Shirt
2. Combat Trousers
3. T-Shirt
4. Rainsuit
5. Wide Brimmed Combat Hat

Each ACCESS questionnaire included some of the following sections of data blocks.

- **Material:** Respondents were required to rate acceptability of the material for items such as fading, shrinkage, washing and drying.
- **Size Issued:** Respondents were required to indicate the size of the item they were issued.
- **Frequency of Washing:** Respondents were required to indicate the number of times the item was washed since issue.
- **Frequency of Drying:** Respondents were required to indicate the number of times the item was dried since issue.
- **Frequency of Wear:** Respondents were required to indicate the number of times the item was worn since issue.
- **Design Changes:** Respondents were required to provide ratings of functionality, durability, and overall acceptability of the proposed design changes.

- **Specific Features:** Respondents were required to rate the features of the item in terms of functionality and durability.
- **Whole Item:** Respondents were required to rate suitability of each item for physical activities, environmental conditions, compatibility with other items, durability, care, adjustment, comfort, and other item specific issues.
- **Comfort and Fit:** Respondents were required to rate the suitability of fit for a number of critical sizing and fit dimensions for the item.
- **Overall Ratings:** Respondents were required to provide overall ratings of the item as a whole with respect to appearance, functionality, durability, etc.
- **Material Preference:** Respondents were required to indicate the strength of their preferences of materials.
- **Comments:** Respondents were required to provide comments on any noticeable differences in washing, drying or wearing of the CADPAT items compared to the in-service (OG107) material. Other comments elicited included good and bad points and possible design improvements.

The primary rating scale used in the questionnaire comprised a five-point interval scale for acceptability. An example scale is provided below in Figure 1.

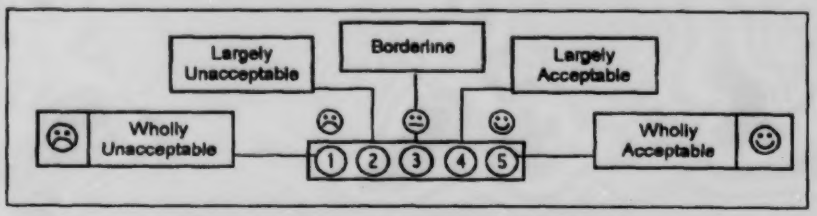


Figure 1: Five-point Acceptability Scale

2.1.1 CADPAT Prioritization Questionnaire:

A CADPAT Prioritization Questionnaire was included at the end of the CADPAT ACCESS questionnaire package (see Annex A). This questionnaire was included to gather user feedback regarding the perceived priority for introduction of disruptive pattern in combat clothing and equipment. Thirty-four items were listed for the participant to indicate the level of priority for the application of CADPAT. Priorities included "low," "medium," "high," and "not required."

2.1.2 French Translation:

French versions of the CADPAT ACCESS questionnaires were produced for those French speaking participants in SQFT (3R22R). Both the DND translation services and Humansystems Incorporated translation services were used to optimize the speed of translation given time constraints of the project. A translated version of the CADPAT ACCESS questionnaires is provided in Annex B.

2.1.3 Distribution:

Two hundred and fifty CADPAT ACCESS questionnaire packages were sent to the DLR on October 4, 1999. The questionnaires were administered to a large group of military personnel tasked to complete the questionnaires in a theatre/classroom on base. Completed packages for LFCA and LFWA were administered and collected by a DLR representative on October 18 and October 29 respectively. The completed packages were mailed to Humansystems Incorporated and received on November 8, 1999.

Select CWOs from areas across the Land Forces were mailed questionnaires along with return envelopes. Questionnaires were mailed to the CWOs on October 19, 1999 and received on December 15, 1999.

Seventy-five copies of ACCESS – Essai aupres des utilisateurs DcamC (Questionnaires) were sent to DLR on November 2, 1999 for distribution. Completed packages of French translated copies were received on December 7, 1999.

2.2 Focus Group

Focus Group discussions were employed with a limited sample of respondents to elicit the causal factors underlying the deficiencies identified in the detailed questionnaires. A Focus Group was conducted with a select group of seventeen CADPAT User Trial participants from 3RCR to identify issues regarding the CADPAT items and clarify results of the CADPAT ACCESS questionnaires.

The focus group was conducted on November 25, 1999. Discussions focussed on the deficiencies identified on the detailed questionnaires (i.e. those items rated acceptable by less than 80% of participants or overall mean ratings of less then 4 "Largely Acceptable" (on a five-point scale))

Stakeholder discussions also touched on the following issues:

- Acceptability of the Design Changes
- Impressions of CADPAT and the materials
- Ease of Care (Washing, Drying, Wearing)
- Comfort and Fit
- Additional Changes

3.0 RESULTS & DISCUSSION

This section describes the results from the CADPAT ACCESS questionnaires and Focus Group.

3.1 Personal Information

Annex C contains the profiles of the respondents that completed the ACCESS questionnaires. This includes physical characteristics, unit, length of adult service, operational deployments, rank, component (regular or reserve force), and military occupational codes. The questionnaires were completed by 43 participants from 3PPCLI, 61 participants from 3RCR, 27 CWOs, and 20 participants from 3R22R. The majority of participants (61%) were Junior NCMs. Other participants included Senior NCOs (28%), Jr Officer NCOs (4%), and Sr Officers (4%) (3% of respondents did not respond). Of those participants that responded, 85% were male and 2% of participants were female. A majority of participants (97%) were regular force soldiers and the remaining 3% were reserve force soldiers.

3.2 CADPAT Combat Shirt

Overall, the CADPAT combat shirt (see Figure 2) was worn by 99% of participants in garrison an average of 50 days over the course of the trial period. A majority of the participants (85%) also wore the CADPAT combat shirt in the field for an average of 20 days. Most participants (83%) washed the item at home an average of 32 times. The item was also washed in garrison by 31% of participants an average of 31 times. A few participants also washed the item using coin operated machines (9% of participants averaging 28 washes) and field laundry (16% of participants averaging 6 washes). A majority of participants (89%) dried the CADPAT combat shirt using hot tumble dryers an average of 35 times. Fewer participants (14%) used a low tumble to dry the item an average of 19 times. Some participants (29%) air dried the item an average of 14 times.

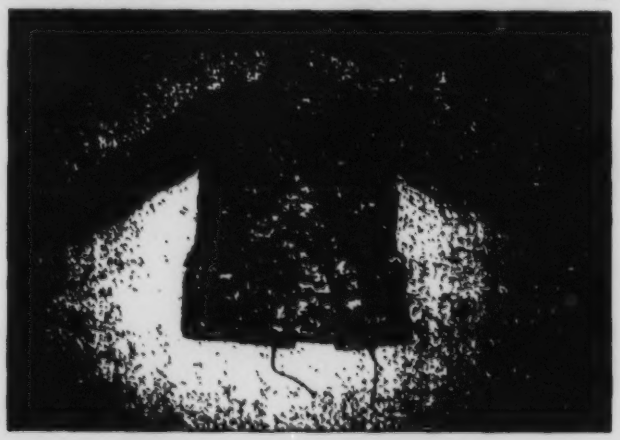


Figure 2: CADPAT Combat Shirt

The following items were rated acceptable overall by less than 80% of participants (indicated with an asterix "*") or the overall mean ratings were less then 4 "Largely Acceptable" (on a five-point scale). For each item, relative focus group comments are provided for further detail and possible design guidance. Additional written comments from the CADPAT Combat Shirt questionnaire are provided in Annex C.

3.2.1. Design Changes: Functionality, Durability & Overall Acceptance - No flap closure on lower left inside single utility pocket.

All participants in the focus group indicated that the utility pockets should have Velcro closures.

3.2.2. Comfort – Arm Length.
Fit – Arm Length.
Shrink Resistance.

More than half of the participants felt the arms became too short due to shrinkage. Due to shrinkage, the arms were approximately 2 inches too short. Comments indicated that the armpits and sleeve lengths were too small. Sleeves were noticeably too tight to the upper arms when they were rolled up for summer dress.

3.2.3. Colour Fading.

Some focus group participants indicated that the CADPAT noticeably faded due to washing, drying and exposure to the sun.

Additional Comments:

All participants in the focus group indicted that the inside utility pocket should be larger to provide adequate clearance for a Field Message Pad.

All participants liked the pen/pencil holders and agreed that both positions should be provided on both sides if possible. As a minimum, a pen/pencil holder should be provided on the back-side of the left pocket.

The waist drawstring was used by a majority of the participants. These participants believed that the drawstring should be lowered approximately 1½ inches.

None of the participants used the lower drawstring. However, everyone believed it could be retained in the design since it can be removed if not desired.

All participants indicated that the nametag should be shorter (i.e. same length as the Velcro) to prevent the ends from bending. All participants indicated that the symbol was not required.

Both focus group and questionnaire comments indicated that many participants found that the shirt took longer to air dry (in the field) than the old combat shirt. However, the time to dry was still acceptable.

3.3 CADPAT Combat Trousers

Overall, the patterns of washing, drying and wearing of the CADPAT combat trousers (see Figure 3) closely correlated with those of the CADPAT combat shirt. CADPAT combat trousers were worn by 97% of participants in garrison an average of 54 days over the course of the trial period. A majority of the participants (85%) also wore the CADPAT combat trousers in the field for an average of 29 days. Most participants (82%) washed the item at home an average of 37 times. The item was also washed in garrison by 31% of participants an average of 24 times. A few participants also washed the item using coin operated machines (9% of participants averaging 15 washes) and field laundry (17% of participants averaging 4 washes). A majority of participants (85%) dried the CADPAT combat trousers using hot tumble dryers an average of 43 times. Fewer participants (12%) used a low tumble machine to dry the item an average of 10 times. Some participants (31%) air dried the item an average of 15 times.

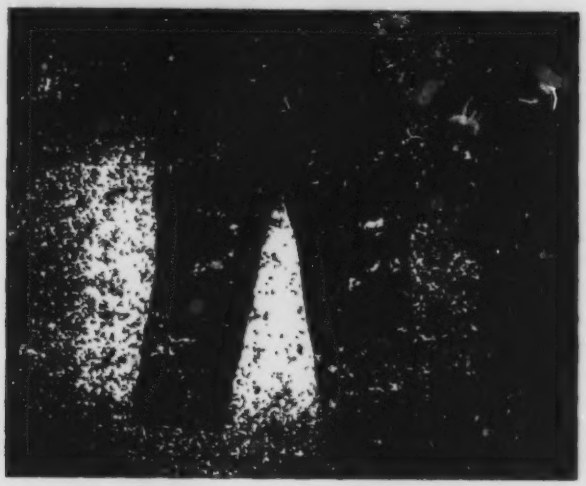


Figure 3: CADPAT Combat Trousers

The following items were rated acceptable overall by less than 80% of participants (indicated with an asterix "*") or the overall mean ratings were less then 4 "Largely Acceptable" (on a five-point scale). For each item, relative focus group comments are provided for further detail and possible design guidance. Additional written comments from the CADPAT Combat Trousers questionnaire are provided in Annex C.

3.3.1. Colour Fading.

Focus group comments indicated that the colour on the trousers faded. Fading was especially prevalent on the thighs and the reinforced knee area. Approximately one third of participants believed that the fading was unacceptable because of the resulting "whitish" appearance.

3.3.2. Shrink Resistance.

All focus group participants indicated that the trousers had shrunk during the trial period. Some participants experienced more shrinkage than others but a majority found that the amount of shrinkage was acceptable.

3.3.3. *Design Changes: Functionality, Durability and Overall Acceptance - Right rear pocket removed.

In focus group discussions, more than half of the participants believed one rear pocket should be provided and it should be located on the right-hand side. If possible, a pocket should be provided on both sides.

3.3.4. *Design Changes: Functionality, Durability and Overall Acceptance - Storm cuffs removed.

In focus group discussions, more than half of the participants believed that the storm cuffs were required. All participants indicated that the storm cuffs should be included if the soldier has the option of cutting them off if desired.

3.3.5. Design Changes: Durability & Overall Acceptance – Button on front slant pocket replaced with Velcro.

All participants in the focus group discussions indicated that the Velcro was acceptable on the front slant pocket. Some comments from the questionnaires indicated that the velcro was disliked due to the noise it produced.

3.3.6. Design Changes: Overall Acceptance – Lower leg slightly tapered from knee down.

One participant in the focus group indicated that the taper of the lower leg was unacceptable given that it made it difficult to blouse the pants.

Additional Comments:

Additional focus group comments indicated that the reinforced area was an improvement. However, the reinforced area took a noticeably longer time to dry. This was especially noticeable (and uncomfortable) in the crotch and thigh area. The reinforced area also contributed to heat-build-up, especially in the summer months. Two people indicated that the reinforced area was approximately 2 inches too high.

A majority of focus group participants believed that the elastic waistband provided good tension, adequate thickness, and dried in an acceptable amount of time. For additional changes, the focus group suggested that belt loops could be made slightly longer to ensure a riser belt (commonly used by soldiers) had adequate clearance.

3.4 CADPAT T-Shirt

Overall, the patterns of washing, drying and wearing of the CADPAT T-shirt (see Figure 4) closely correlated with those of the CADPAT combat shirt and trousers. However, fewer participants actually wore the CADPAT T-shirt in the field. In addition, the frequency of washing, drying and wearing are also less on average. CADPAT T-shirts were worn by 98% of participants in garrison an average of 36 days over the course of the trial period. Less participants (70%) also wore the CADPAT T-shirt in the field for an average of 16 days. Most participants (79%) washed the item at home an average of 27 times. The item was also washed in garrison by 32% of participants an average of 24 times. A few participants also washed the item using coin operated machines (9% of participants averaging 28 washes) and field laundry (10% of participants averaging 5 washes). A majority of participants (85%) dried the CADPAT combat T-shirt using hot tumble dryers an average of 27 times. Fewer participants (12%) used a low tumble machine to dry the item an average of 18 times. Some participants (31%) air dried the item an average of 13 times.

Figure 4: CADPAT T-Shirt

A large number of items were rated acceptable overall by less than 80% of participants (indicated with an asterix "*") or the overall mean ratings were less then 4 "Largely Acceptable" (on a five-point scale). Relative focus group comments are provided below for further detail and possible design guidance. Because of the large number of items rated poorly, focus group discussions focussed on the perceived requirements for a Combat T-shirt. Additional written comments from the CADPAT T-Shirt questionnaire are provided in Annex C.

3.4.1. Comfort: Overall Comfort.
Comfort: Chest.

All participants in the focus group discussions indicated that the CADPAT T-shirt was too small at the start of the user trial. The T-shirts were tight around the chest and cut under the arms. Many participants indicated that the arm lengths were too short. The tight fit contributed to the poor physical comfort. Poor ratings of comfort were expressed for participants in the neck, shoulders, armpits, upper arms, and body length.

3.4.2. **Material: Shrink Resistance**
Whole Item (Durability): Shrink Resistance
***Specific Features: Functionality - Material**
Specific Features: Durability- Material
Whole Item: Digging
Whole Item: Ease of Movement, Take Off, Crawling, Marching, Running, Climbing, Lying Prone, & Throwing.
Overall Functionality

All participants in the focus group discussions indicated that the CADPAT T-shirt shrunk. This, in addition to the poor initial fit, contributed to poor functionality, and difficulty with movement. The t-shirt was difficult to remove, especially when wet. Both questionnaire and focus group comments also indicated that the T-shirt was noticeably susceptible to static build-up.

3.4.3. **Whole Item: Thermal Comfort**
Whole Item: Thermal Protection
***Whole Item: Breathability**
***Whole Item: Sweat Removal**
***Whole Item: Dryability from Sweat**
Dryability
Whole Item (Durability): Odour Resistance
Material: Odour Resistance
Whole Item: Weight
Whole Item: Suitability for Cold Weather, Wind, & Dust.
***Whole Item: Suitability for Warm Weather**
***Whole Item: Suitability for Hot Weather**
***Whole Item: Suitability for Rain**

All focus group participants indicated that the CADPAT T-shirt material was hot (especially in the summer) and did not release sweat or dry very well. This contributed to perceptions of poor thermal comfort and poor odour resistance. Because of these concerns with the T-shirt material, it was also perceived to be heavier (especially if retaining perspiration) and poor for a range of environmental conditions.

3.4.4. **Whole Item: Compatibility with Fleece Top, Fleece Bottoms, Ltwt. Thermal Drawers, Compatibility with Ltwt. Thermal Undershirt, & Whole Item: Compatibility with NBC IPE.**
Whole Item (Durability): Repairability
Overall Clothing Compatibility

Participants in the focus group indicated that the poor fit and lack of sweat release made the T-shirt uncomfortable to wear, with and without other items. This is reflected in the low acceptance of the compatibility ratings. Comments from the questionnaires also indicated that wearing other clothing over the T-shirt restricted the air-flow required to help wick the sweat away. The stitching of some shirts had to be repaired at the hems.

3.4.5. Overall Appearance

Focus group comments indicated that the CADPAT design was "shiny"compared to some of the other CADPAT items. Many participants questioned the requirement for a camouflage pattern on a T-shirt that would be worn beneath other clothing.

3.4.6. *Overall Acceptability

Based on the experience with the CADPAT T-shirt, none of the participants in the focus group discussions indicated that they wanted a T-shirt with a CADPAT pattern. All participants agreed that the old V-neck (or crew neck if required) T-shirt style, with a longer shirt length, would be the desired design.

3.5 CADPAT Wide-Brimmed Combat Hat

CADPAT Wide-Brimmed Combat Hat (see Figure 5) was worn by 38% of participants in garrison an average of 16 days over the course of the trial period. A majority of the participants (95%) wore the CADPAT hat in the field for an average of 21 days. Most participants (66%) washed the item at home an average of 11 times. The item was also washed in garrison by 23% of participants an average of 10 times. A few participants also washed the item using coin operated machines (8% of participants averaging 6 washes) and field laundry (4% of participants averaging 4 washes). A majority of participants (65%) dried the CADPAT hat using hot tumble dryers an average of 11 times. Fewer participants (8%) used a low tumble machine to dry the item an average of 11 times. Some participants (34%) air dried the item an average of 8 times.

Figure 5: CADPAT Wide Brimmed Combat Hat

Both questionnaire and focus group comments were very favorable towards the CADPAT Wide-Brimmed Combat Hat. A majority of participants liked the design and found the CADPAT design to be suitable for its intended purposes. None of the items were rated acceptable overall by less than 80% of participants. None of the overall mean ratings were less then 4 "Largely Acceptable" (on a five-point scale). Focus group comments are provided below for further detail and possible design guidance. Additional written comments from the CADPAT Wide-Brimmed Combat Hat questionnaire are provided in Annex C.

The only items to be rated less acceptable by participants were related to washing, drying and resistance to shrinking. However, none of the focus group participants indicated that the materials shrunk noticeably due to washing or drying. A few comments from the questionnaires indicated that some participants perceived that washing and drying the hat caused slight shrinkage and slight fading. In addition, the time to air dry the hat varied between perceptions that less time was required to perceptions that more time was required.

A majority of focus group participants commented that the neck protector was not needed, but should be retained as an option. Participants indicated that the "whitish" side of the neck protector was tactically poor. Comments indicated that a mesh material might be used as an alternative to the neck protector material.

Comments on the questionnaire also indicated that many of the sizes issued were too small, suggesting that the sizing system required validation. A large majority of the participants commented that the hat was comfortable and functional, providing good protection from the rain and the sun.

3.6 CADPAT Rainsuit

Overall, only nine participants indicated they wore the CADPAT Rainsuit (see Figure 6). CADPAT rainsuits were worn by 44% of participants in garrison an average of 19 days over the course of the trial period. A majority of the participants (67%) also wore the CADPAT rainsuit in the field for an average of 9 days. Few participants washed the rainsuit. Some participants (22%) rinsed the item an average of 3 times. The item was also machine washed by 33% of participants an average of 3 times. A majority of participants (67%) air dried the CADPAT rainsuit an average of 15 times. Fewer participants (22%) used an alternative form of drying an average of 4 times.

Figure 6: CADPAT Rainsuit

The following items were rated acceptable overall by less than 80% of participants (indicated with asterix "*") or the overall mean ratings were less then 4 "Largely Acceptable" (on a five-point scale). For each item, relative focus group comments are provided for further detail and possible design guidance. Only two of the focus group participants were issued the CADPAT rainsuit. Additional written comments from the CADPAT Rainsuit questionnaire are provided in Annex C.

3.6.1. Overall Durability
Material: Abrasion Resistance (colour)
Overall Care

Participants rarely used the CADPAT Rainsuit in operational environments. Based on the limited experience, the participants perceived the "shiny" coating to lack durability and resistance to abrasion.

3.6.2. Material: Dryability
Overall Functionality
Overall Clothing Compatibility

Focus group comments indicated that future acquisitions of rainsuits should include a breathable material with breather vents and zippers in pant cuffs for improved accessibility.

3.6.3. *Overall Appearance
***Overall Acceptability**

Both focus group participants issued the CADPAT rainsuit indicated that the appearance and acceptability of the CADPAT rainsuit were rated acceptable by less than 80% of participants because the colour was too bright.

Additional Comments:

Questionnaire and focus group participants indicated that the current rainsuit lacks breathability and is too hot to be used effectively for operations. The rainsuit is mainly used in Garrison and acts well as a shield from the wind. A new rainsuit should be designed to meet performance requirements of both garrison activities as well as operational exercises.

3.7 Prioritization

Participants were asked "What do you believe the priority for introduction of disruptive pattern in combat clothing and equipment should be?" The top ten priority items are provided below, sorted by frequency of "High" priority. A full prioritized listing of the items are provided in Annex C.

1. CTS Parka (IECS Outer Layer)
2. CTS Ltwt Jacket (IECS Middle Layer)
3. CTS Ltwt Trousers (IECS Middle Layer)
4. CVC Winter Jacket
5. Shelter Half
6. Rainsuit
7. Bivi-Bag
8. Poncho-Liner
9. Sleeping Bag Valise (Carrier)
10. CTS Insulated Bib (IECS Outer Layer)

3.7.1 Focus Group Comments:

Participants indicated that outer-garments, the Rucksack and the TAV should be given higher priority for introduction of CADPAT.

Comments indicated that initial reluctance to accept CADPAT was dispersed once the camouflage capabilities were demonstrated. All participants indicated the camouflage was excellent and greatly improved over the solid green combats. Some participants had experienced the CADPAT under night (infrared) conditions and indicated that the camouflage was an improvement over the solid green combats.

ANNEX A

CADPAT ACCESS QUESTIONNAIRE PACKAGE
(English Version)

CADPAT USER TRIAL

Army Combat Clothing and Equipment Survey System

Welcome to **ACCESS!**

ACCESS gathers feedback and information regarding Land Force personal operational clothing and equipment. Feedback will be vital in aiding decision-making in development, procurement and life-cycle management.

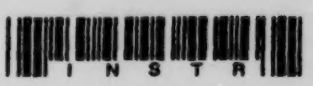
There are 5 items of **CA**nadian **D**isruptive **PAT**tern (CADPAT) clothing and equipment for which you will be asked to provide rating responses. These items include:

- CADPAT Combat Shirt
- CADPAT Combat Trousers
- CADPAT T-Shirt
- CADPAT Rainsuit
- CADPAT Wide Brimmed Combat Hat

The primary aim of this survey is to obtain feedback on washability, wearability, and durability of the CADPAT print on the textiles used in the above noted garments.

The secondary aim of this survey is to obtain feedback on the specific design feature changes incorporated in the CADPAT uniform. Feedback includes individual acceptability of each design change, and acceptability as part of the total uniform.

Thank-you for taking part in **ACCESS!**



How to Fill Out the ACCESS Questionnaire

How the ACCESS Questionnaire is Organized

- There are 5 CADPAT items for you to assess; Combat Shirt, Combat Trousers, T-Shirt, Rainsuit, and Wide Brimmed Combat Hat.
- There are 2 to 4 pages for each item.
- Each page is divided into sections.
- In each section, there are questions about different aspects of the item and how it performs.
- Definitions of terms used on the questionnaire are listed on the definitions page which follows.

Sections

Answer the "I have worn this garment:" question first.
Indicate how often you have worn the garment.
If you have never worn the item, do not complete the pages for the item.

The ACCESS questionnaires may consist of the following sections:

Material
Provide a rating of acceptance for washability, durability and wearability.

Size Issued
Indicate the size of the item you were issued.

Frequency of Washing
Indicate the number of times the item has been washed since issue.

Frequency of Drying
Indicate the number of times the item has been dried since issue.

Frequency of Wear
Indicate the number of days the item has been worn since issue.

Design Changes
Provide ratings of functionality, durability and overall acceptability of the proposed design changes.

Specific Features
Rate the item, feature by feature, in terms of function and durability.

Whole Item
Rate the item as a whole, in terms of the items listed in each category.

Comfort and Fit
Rate the item for each of the comfort and fit categories listed

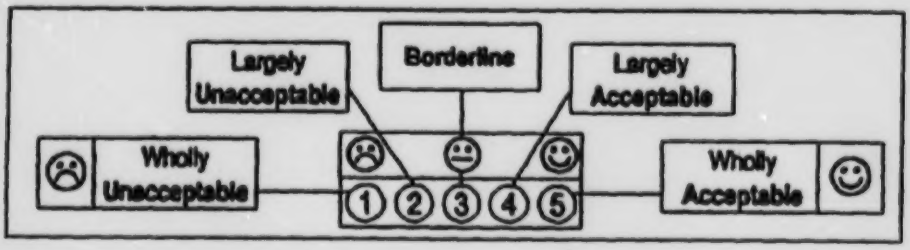
Overall Ratings
Provide an overall rating of the item as a whole with respect to appearance, function, durability, etc.

Material Preference
Indicate the strength of your preference for the materials indicated.

Comments
Comment on any noticeable differences in washing, drying or wearing of the CADPAT item compared to the in-service (OG107) material. Write any additional comments you may have concerning good and bad points, possible design improvements, etc.

Using the scale

Take a moment to look at this scale and make sure you understand it.

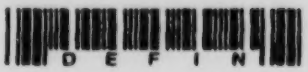


Please follow these simple rules!

- Fill only one circle per question
- If you make an error, circle the correct mark
- If any questions do not apply to you, strike through the wording. For example, if you haven't experienced snow, strike out the word snow. Do not strike out the circles.

Remember:

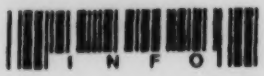
- In the "Comments" section, don't worry about spelling. This is not a test. We want your ideas.
- Answer every question. Strike through the words that do not apply.
- There are no "correct" answers. We want your honest opinion, not your friends.



Definitions of Terms Used in the ACCESS Questionnaire

Activities	Does the item interfere with the named activity in any way?
Adjustment	Is the item easy to adjust?
Appearance	Does the item look good?
Breathability	Does the item allow air to pass through the material?
Care	Is it easy to keep the item looking good?
Climate	Does the garment keep you comfortable during these temperatures: Cold: Below –5 °C Cool: -5 °C to 10 °C Warm: 11 °C to 25 °C Hot: Over 25 °C
Compatibility	Does the item work and fit well when used with other garments, weapons or equipment?
Colour Bleeding	Do the colours spread or merge into the adjacent colours?

Colour Fading	Does the material (dyes) lose it's colour due to sunlight, washing, or wear?
Durability	How long does the item (or feature) last?
Fit	Does the item fit you?
Functionality	Does the item (or feature) work well?
NBC IPE	Integrated protection ensemble. e.g. NBC Suit.
Repairability	Is the item (or feature) easy to repair?
Stability	Does the item remain in its correct position during activity or vigorous movement?



PROTECTED A (when completed)

Personal Information

Please provide the requested information in the spaces provided:

[redacted] Service Number

[redacted] Unit | [redacted]

[redacted]

Junior NCM ○ Senior NCO ○ Junior Officer NCO ○ Senior Officer & Above ○ | Male ○ Female ○

[redacted] Component

Regular Force ○ Reserve Force ○ Other ○ _____

[redacted] Length of Active Service

0 - 1 Year ○ 1 - 5 Years ○ 5 - 10 Years ○ Over 10 Years ○

[redacted] Operational Experience

Middle East ○ Golan Heights ○ Sinai ○ Croatia ○ Bosnia ○ Rwanda ○ Cyprus ○

Somalia ○ Cambodia ○ Haiti ○ Other ○ _____

[redacted] Height

<5'1	5'1	5'2	5'3	5'4	5'5	5'6	5'7	5'8	5'9	5'10	5'11	6'0	6'1	6'2	6'3	6'4	6'5	>6'5
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

[redacted] Weight (Pounds)

<130	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	>210
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

[redacted] Chest Circumference (Inches)

<34	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	>50
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

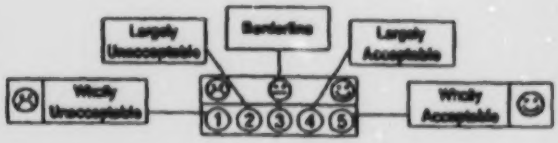
[redacted] Waist Circumference (Inches)

<24	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	>40
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

C B T S H I R T

CADPAT Combat Shirt

O Never >>>>>>>>>>	[redacted]
O Less than 10 Times	
O 10 Times or More	



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O

Section B: Size Issued

Height (inches)	67	70	73	76	
	O	O	O	O	
Chest (inches)	**36**	**40**	**44**	**48**	**52**
	O	O	O	O	O

[redacted]

Section C: Frequency of Washing

Number of times washed since issue:

in garrison _____

in coin operated machines _____

at home _____

by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue:

air dried _____

tumble dried (hot) _____

tumble dried (low) _____

Section E: Frequency of Wear

Number of days worn since issue:

in garrison _____

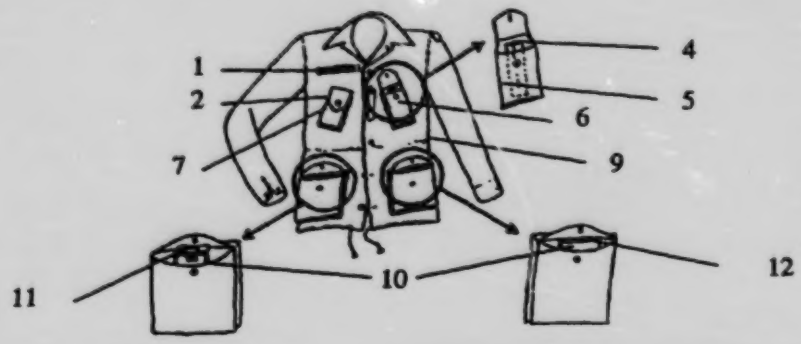
in the field _____

CBTSHIRT

CADPAT Combat Shirt

Section F: Design Changes

Rate the following proposed design changes.



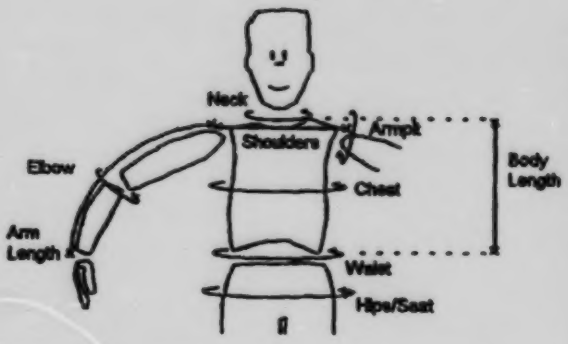
Design Change Description	Functionality (works well) ① ② ③ ④ ⑤	Durability (wears well) ① ② ③ ④ ⑤	Overall Acceptance ① ② ③ ④ ⑤
1. Nametag changed to CADPAT material background.	O O O O O	O O O O O	O O O O O
2. Breast pockets widened by ½ inch.	O O O O O	O O O O O	O O O O O
3. Pencil holders moved to inside of pocket.	O O O O O	O O O O O	O O O O O
4. Pencil holder position on rear of pocket.	O O O O O	O O O O O	O O O O O
5. Pencil holder position on side of pocket.	O O O O O	O O O O O	O O O O O
6. Pencil holder added in left-side breast pocket.	O O O O O	O O O O O	O O O O O
7. Pencil holder added in right-side breast pocket.	O O O O O	O O O O O	O O O O O
8. Waist string tied on the inside.	O O O O O	O O O O O	O O O O O
9. Waist string location (height)	O O O O O	O O O O O	O O O O O
10. Single utility pocket on inside of lower cargo pockets.	O O O O O	O O O O O	O O O O O
11. Velcro closure flap on lower right inside single utility pocket.	O O O O O	O O O O O	O O O O O
12. No flap closure on lower left inside single utility pocket.	O O O O O	O O O O O	O O O O O

CBTSHIRT

CADPAT Combat Shirt

Section G: Comfort and Fit

Neck	O	O	O	O	O	O	O
Shoulders	O	O	O	O	O	O	O
Upper Arms	O	O	O	O	O	O	O
Lower Arms	O	O	O	O	O	O	O
Elbow	O	O	O	O	O	O	O
Wrists	O	O	O	O	O	O	O
Arm Length	O	O	O	O	O	O	O
Chest	O	O	O	O	O	O	O
Waist	O	O	O	O	O	O	O
Hips/Seat	O	O	O	O	O	O	O
Body Length	O	O	O	O	O	O	O
Overall	O	O	O	O	O	O	O



Section H: Overall Ratings

	O	O	O	O	O		O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O

Section I: Comments (use back of sheet if required)

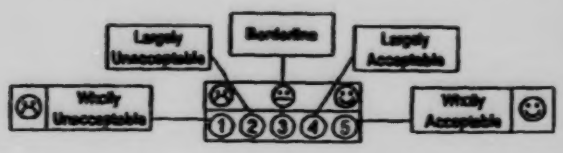
Please comment on the following points:

- Were there any noticeable differences in washing, drying or wearing of the CADPAT combat shirt compared to the in-service (OG107) material?
- What additional design changes to the combat shirt would you suggest?
- Additional comments?

C B T T R S R S

CADPAT Combat Trousers

O Never >>>>>>>>>>	[redacted]
O Less than 10 Times	
O 10 Times or More	



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O

Section B: Size Issued

Height (inches)	67	70	73	76	
	O	O	O	O	
Waist (inches)	**30**	**34**	**38**	**42**	**46**
	O	O	O	O	O

[redacted]

Section C: Frequency of Washing

Number of times washed since issue: in garrison _____

in coin operated machines _____

at home _____

by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue: air dried _____

tumble dried (hot) _____

tumble dried (low) _____

Section E: Frequency of Wear

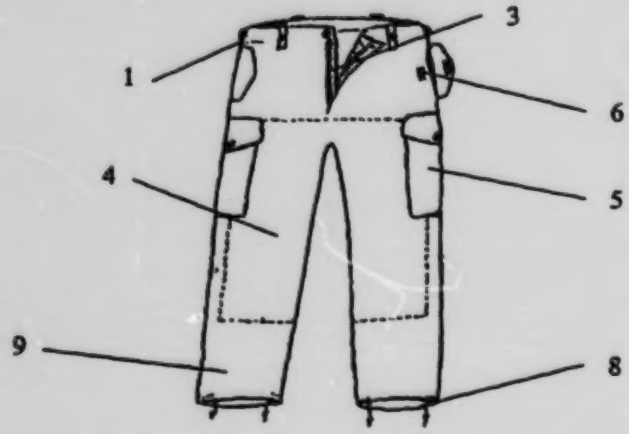
Number of days worn since issue: in garrison _____

in the field _____

CADPAT Combat Trousers

Section F: Design Changes

Rate the following proposed design changes.

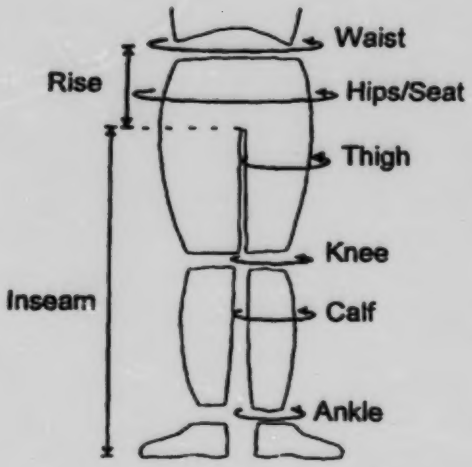


Design change description	Functionality (works well)	Durability (lasts well)	Overall Acceptance
1. Elastic strips added on the waist band.	O O O O O	O O O O O	O O O O O
2. Amount of adjustability provided by the elastic strips in the waist band.	O O O O O	O O O O O	O O O O O
3. Nylon tooth zipper fly.	O O O O O	O O O O O	O O O O O
4. Knee patch coverage increased.	O O O O O	O O O O O	O O O O O
5. Side cargo pocket increased by ½ inch.	O O O O O	O O O O O	O O O O O
6. Button on front slant pocket replaced with Velcro.	O O O O O	O O O O O	O O O O O
7. Right rear pocket removed.	O O O O O	O O O O O	O O O O O
8. Storm cuffs removed from lower legs.	O O O O O	O O O O O	O O O O O
9. Lower leg slightly tapered from knee down.	O O O O O	O O O O O	O O O O O

CADPAT Combat Trousers

Section G: Comfort and Fit

	[redacted]					
Waist	O	O	O	O	O	O	O
Hips / Seat	O	O	O	O	O	O	O
Rise	O	O	O	O	O	O	O
Thighs	O	O	O	O	O	O	O
Knees	O	O	O	O	O	O	O
Calves	O	O	O	O	O	O	O
Ankles	O	O	O	O	O	O	O
Inseam	O	O	O	O	O	O	O
Overall	O	O	O	O	O	O	O



Section H: Overall Ratings

[redacted]														
	O	O	O	O	O		O	O	O	O	O		O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O		O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O		O	O	O	O	O

Section I: Comments (use back of sheet if required)

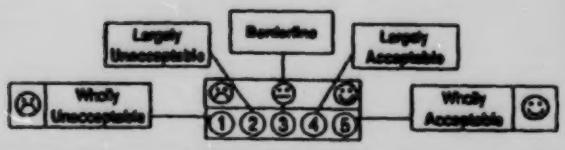
Please comment on the following points:

- Were there any noticeable differences in washing, drying or wearing of the CADPAT combat trousers compared to the in-service (OG107) material?
- What additional design changes to the combat trousers would you suggest?
- Additional comments?

T S H R T

CADPAT T-Shirt

O Never >>>>>>>>>>	
O Less than 10 Times	
O 10 Times or More	



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O
		Odor Resistance	O O O O O		

Section B: Size Issued

O	O	O	O	O	O

Section C: Frequency of Washing

Number of times washed since issue:
in garrison _____
in coin operated machines _____
at home _____
by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue:
air dried _____
tumble dried (hot) _____
tumble dried (low) _____

Section E: Frequency of Wear

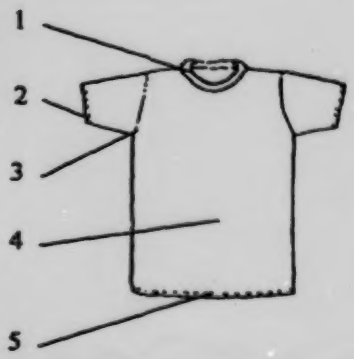
Number of days worn since issue:
in garrison _____
in the field _____

T S H R T

CADPAT T-Shirt

Section F: Specific Features

1. Collar	O O O O O	O O O O O
2. Arm Opening	O O O O O	O O O O O
3. All Seams	O O O O O	O O O O O
4. Material	O O O O O	O O O O O
5. Hem	O O O O O	O O O O O



Section G: Whole Item

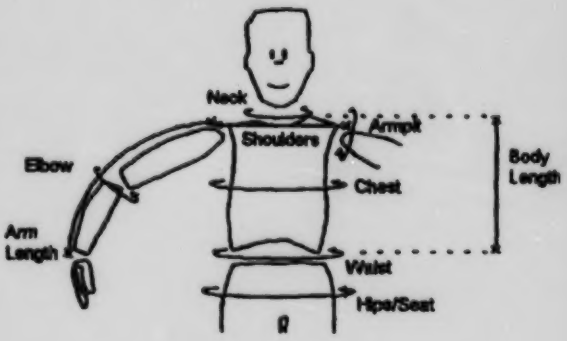
Tear Resistance	O O O O O	Fleece Top	O O O O O	Sitting	O O O O
Wear Resistance	O O O O O	Fleece Bottoms	O O O O O	Standing	O O O O
Snag Resistance	O O O O O	Combat Shirt	O O O O O	Crawling	O O O O
Stitching	O O O O O	Combat Trousers	O O O O O	Marching	O O O O
Shrink Resistance	O O O O O	Ltwt. Thermal Undershirt	O O O O O	Running	O O O O
Stain Resistance	O O O O O	Ltwt. Thermal Drawers	O O O O O	Digging	O O O O
Odour Resistance	O O O O O	NBC IPE	O O O O O	Climbing	O O O O
Repairability	O O O O O			Lying Prone	O O O O
		Cold Weather	O O O O O	Crouching	O O O O
Thermal Comfort	O O O O O	Cool Weather	O O O O O	Neck Bending	O O O O
Thermal Protection	O O O O O	Warm Weather	O O O O O	Trunk Bending	O O O O
Breathability	O O O O O	Hot Weather	O O O O O	Throwing	O O O O
Sweat Removal	O O O O O	Rain	O O O O O	Reaching	O O O O
Dryability from sweat	O O O O O	Wind	O O O O O		O O O O
Weight	O O O O O	Dust	O O O O O		O O O O
Ease of Movement	O O O O O		O O O O O		O O O O
			O O O O O		O O O O
Put On	O O O O O		O O O O O		O O O O
Take Off	O O O O O		O O O O O		O O O O

T S H R T

CADPAT T-Shirt

Section H: Comfort and Fit

Neck	O	O	O	O	O	O	O	O
Shoulders	O	O	O	O	O	O	O	O
Armpits	O	O	O	O	O	O	O	O
Upper Arms	O	O	O	O	O	O	O	O
Chest	O	O	O	O	O	O	O	O
Waist	O	O	O	O	O	O	O	O
Hips/Seat	O	O	O	O	O	O	O	O
Body Length	O	O	O	O	O	O	O	O
Overall	O	O	O	O	O	O	O	O



Section I: Overall Ratings

	O	O	O	O	O	O	O	O	O	O
	O	O	O	O	O	O	O	O	O	O

Section J: Material Preference

Indicate the strength of your preference for the following types of materials.

Poly-Cotton Material (e.g. in-service t-shirt)	O	O	O	O	O	O	O	Coolmax (e.g. CADPAT User Trial T-shirt)

T S H R T

CADPAT T-Shirt

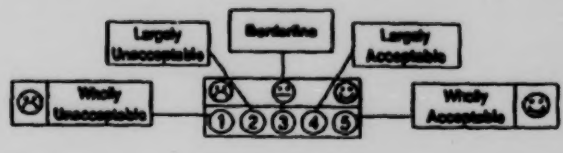
Section K: Comments (use back of sheet if required)

Please comment on the following points:

- Were there any noticeable differences in washing, drying or wearing of the CADPAT combat T-shirt compared to the in-service (OG107) material?
- What design changes to the combat T-shirt would you suggest?
- Additional comments?

CADPAT Wide Brimmed Combat Hat

[redacted]
O Never >>>>>>>>>>
O Less than 10 Times
O 10 Times or More



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O

Section B: Size Issued

6 ½	6 ⅝	6 ¾	6 ⅞	7	7 ⅛	7 ¼	7 ⅜	7 ½	7 ⅝	7 ¾	7 ⅞
O	O	O	O	O	O	O	O	O	O	O	O

Section C: Frequency of Washing

Number of times washed since issue: in garrison _____

In coin operated machines _____

at home _____

by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue: air dried_____

tumble dried (hot) _____

tumble dried (low) _____

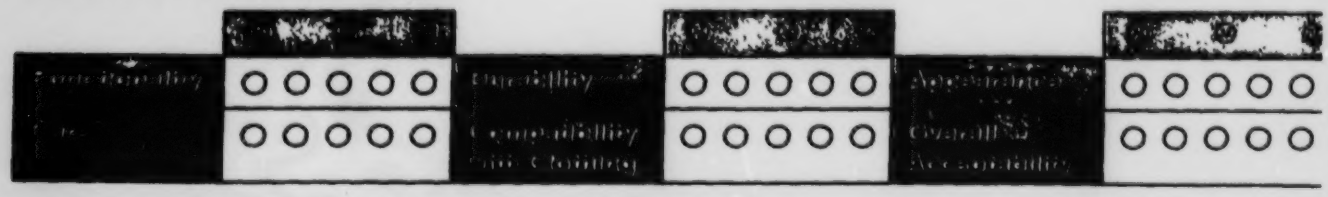
Section E: Frequency of Wear

Number of days worn since issue: in garrison _____

in the field _____

CADPAT Wide Brimmed Combat Hat

Section F: Overall Ratings



Section G: Comments (use back of sheet if required)

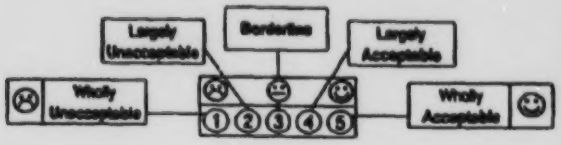
Please comment on the following points:

- Were there any noticeable differences in washing, drying or wearing of the CADPAT wide brimmed combat hat compared to the in-service (OG107) material?
- What design changes to the wide brimmed combat hat would you suggest?
- Additional comments?

RNSUIT

CADPAT Rainsuit

[redacted]	
O Never >>>>>>>>>>	[redacted]
O Less than 10 Times	
O 10 Times or More	



Section A: Material

	[redacted]		[redacted]		[redacted]
Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O
				Abrasion Resistance (colour)	O O O O O

Section B: Size Issued (Jacket)

Height (inches)	67	70	73	76	[redacted]
	O	O	O	O	
Chest (inches)	36	40	44	48	
	O	O	O	O	

Section C: Size Issued (Trousers)

Height (inches)	67	70	73	76	[redacted]
	O	O	O	O	
Waist (inches)	30	34	38	42	
	O	O	O	O	

Section D: Frequency of Washing

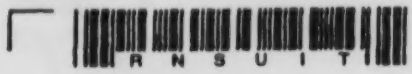
Number of times washed since issue: rinsed (hose or sink) _____

machine-washed _____

Section E: Frequency of Drying

Number of times dried since issue: air dried _____

other _____



CADPAT Rainsuit

Section F: Frequency of Wear

Number of days worn since issue: in garrison _____

in the field _____

Section G: Overall Ratings

	O O O O O	Durability	O O O O O		O O O O O
	O O O O O	Compatibility with Clothing	O O O O O		O O O O O

Section H: Comments (use back of sheet if required)

Please comment on the following points:

- Were there any noticeable differences in washing, drying or wearing of the CADPAT rainsuit compared to the in-service (OG107) material?
- What design changes to the rainsuit would you suggest?
- Additional comments?

C A D P A T

Canadian Disruptive Pattern

Thank-you for taking part in the user trials of the Army's new camouflage pattern, known as the Canadian Disruptive Pattern (CADPAT). This uniquely Canadian design is based on extensive analysis of the Canadian background. It is intended that a number of operational clothing and individual equipment will be available in CADPAT.

Prioritization

Clothe the Soldier (CTS) plans to incorporate CADPAT in the Wide Brimmed Combat Hat, Rucksack, Small Pack, Fragmentation Vest, and Tactical Assault Vest during initial production. For all other items, CADPAT will be incorporated over time. What do you believe the priority for introduction of disruptive pattern in combat clothing and equipment should be?

Item	Priority			
	Low	Medium	High	Not Required
Rainsuit	☐	☐	☐	☐
CTS Fleece Top (IECS Inner Layer)	☐	☐	☐	☐
CTS Fleece Bottoms (IECS Inner Layer)	☐	☐	☐	☐
CTS Lightweight Jacket (IECS Middle Layer)	☐	☐	☐	☐
CTS Lightweight Trousers (IECS Middle Layer)	☐	☐	☐	☐
CTS Parka (IECS Outer Layer)	☐	☐	☐	☐
CTS Insulated Bib (IECS Outer Layer)	☐	☐	☐	☐
CTS Lightweight Thermal Undershirt	☐	☐	☐	☐
CTS Lightweight Thermal Drawers	☐	☐	☐	☐
CTS Temperate Underwear	☐	☐	☐	☐
Combat Vehicle Crewman (CVC) Coveralls (Crewsuit)	☐	☐	☐	☐
CVC Winter Jacket	☐	☐	☐	☐
CVC Winter Insulated Bib	☐	☐	☐	☐
NBC Individual Protective Ensemble Coveralls	☐	☐	☐	☐
NBC Individual Protective Ensemble Carrier	☐	☐	☐	☐
Scarf	☐	☐	☐	☐
Toque	☐	☐	☐	☐
Towel Bath	☐	☐	☐	☐
Towel Hand	☐	☐	☐	☐
Sleeping Bag Inner	☐	☐	☐	☐
Sleeping Bag Outer	☐	☐	☐	☐

Canadian Disruptive Pattern

Sleeping Bag Liner	☐	☐	☐	☐
Sleeping Bag Hood	☐	☐	☐	☐
Sleeping Bag Valise (Carrier)	☐	☐	☐	☐
Bivi-Bag	☐	☐	☐	☐
Poncho-Liner	☐	☐	☐	☐
Shelter Half	☐	☐	☐	☐
Air Mattress (Self-Inflating)	☐	☐	☐	☐
Kit Bag	☐	☐	☐	☐
ERYX Backpack	☐	☐	☐	☐
Personal Weapon Cleaning, Spare Barrel, Accessory Bags	☐	☐	☐	☐
SA Weapon Covers for AFVs	☐	☐	☐	☐
4 Man Crew Tent Fly	☐	☐	☐	☐
4 Man Crew Tent	☐	☐	☐	☐

Comments

ANNEX B

CADPAT ACCESS QUESTIONNAIRE PACKAGE
(French Version)

Essai auprès des utilisateurs DCamC

Système de sondage relatif à l'équipement et à la tenue de combat de l'armée de terre

Bienvenue à ACCESS

ACCESS recueille de la rétroaction et des renseignements relatifs aux articles de vêtements et à l'équipement opérationnels personnels des forces terrestres. La rétroaction sera essentielle aux prises de décisions dans le cadre du développement, de l'approvisionnement et de la gestion globale.

On vous demandera de donner une cote à cinq (5) articles de vêtements et l'équipement Dessin de Camouflage (DCamC). Ils sont:

- **Chemise de combat DCamC**
- **Pantalon de combat DCamC**
- **Tee-shirt DCamC**
- **Manteau de pluie DCamC**
- **Casque de combat à larges bords DCamC**

L'objectif de ce questionnaire est d'établir une évaluation sur la lavabilité, la portabilité, et la durabilité du dessin DCamC sur le tissu utilisé pour la confection des vêtements mentionnés ci-dessus. Le deuxième objectif de ce questionnaire est d'établir une évaluation sur les changements spécifiques apportés à l'uniforme DCamC. L'évaluation inclut l'acceptabilité individuelle de chaque changement de dessin et acceptabilité comme partie de l'ensemble de l'uniforme.

Merci de votre participation à ACCESS

INSTR

Comment remplir le questionnaire ACCESS

Organisation du questionnaire ACCESS

- Il y a cinq (5) articles DCamC à évaluer: la chemise de combat, le pantalon de combat, le tee-shirt, le manteau de pluie et le casque de combat à large bords.
- Il y a 2 à 4 pages à remplir pour chaque article.
- Chaque page est divisée en sections.
- Chaque section contient des questions sur les caractéristiques et le rendement de l'article.
- Des définitions de termes utilisés dans le questionnaire se trouvent à la page des définitions ci-jointe.

Sections

Répondez en premier à la question "J'ai porté ce vêtement".
Indiquez combien de fois vous avez porté le vêtement.
Ne remplissez pas les pages concernant des vêtements que vous n'avez jamais portés.

Le questionnaire ACCESS peut comprendre les sections suivantes:

Tissu
Indiquez une cote pour lavabilité, durabilité et portabilité.

Grandeur distribuée
Indiquez la grandeur de l'article qui vous a été remis.

Fréquence de lavage
Indiquez le nombre de fois que l'article a été lavé depuis sa distribution.

Fréquence de séchage
Indiquez le nombre de fois que l'article a été séché depuis sa distribution.

Fréquence de port
Indiquez le nombre de jours que l'article a été porté depuis sa distribution.

Changements apportés à l'uniforme
Indiquez la cote de l'efficacité, la durabilité et l'acceptibilité en général des changements.

Caractéristiques
Evaluez l'article, une caractéristique à la fois, relativement à son efficacité et à sa durabilité.

Article entier
Evaluez l'article dans son ensemble relativement aux articles donnés dans chaque catégorie.

Confort et taille
Evaluez chaque article relativement à chaque catégorie de confort et de taille.

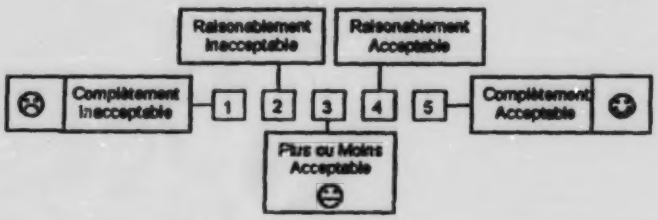
Cotes générales
Donnez une cote générale pour l'article entier relativement à son apparence, son efficacité, sa durabilité, etc.

Tissu préféré
Indiquez votre préférence pour les tissus mentionnés.

Commentaires
Indiquez les différences importantes concernant le lavage, le séchage et le port de l'item DCamC compar au tissu qui est en service présentement (OG107). Mentionnez vos commentaires personnels concernan les points positifs ou négatifs, changements possibles de dessins etc.

Utilisation de l'échelle

Étudiez cette échelle afin de comprendre comment l'utiliser.



Veuillez suivre ces règlements!

- Remplissez seulement un cercle par question.
- Si vous faites une erreur, encerclez la bonne réponse.
- Si une question ne s'applique pas à votre situation, rayez la question. Par exemple, si vous n'avez pas connu de neige, rayez le mot neige. Ne rayez pas les cercles.

N'oubliez pas :

- Ne vous préoccupez pas de l'orthographe dans la section « Commentaires ». Ce n'est pas un examen. Nous voulons vos opinions.
- Répondez à toutes les questions. Rayez les mots qui ne s'appliquent pas à votre situation.
- Il n'y a pas de « bonne » réponse. Nous voulons votre opinion et non celle de votre voisin.

Définitions de termes utilisés dans le questionnaire ACCESS

Activités	L'article cause-t-it une perturbation dans les activités citées?
Ajustement	L'article est-il facile à ajuster?
Apparence	L'article parait-il bien?
Perméabilité à l'air	L'article permet-il à l'air de pénétrer?
Lavage	L'article conserve-t-il facilement une belle apparence?
Climat	Etes-vous confortable dans le vêtement dans les températures suivantes: Froid: moins de –5°C Frais: -5°C à 10°C Doux: 11°C à 25°C Chaud: Plus de 25°C
Compatibilité	L'article convient-il avec d'autres vêtements, armes ou équipement?
Dégorgement de la couleur	Les couleurs s'etendent-elles avec les couleurs adjacentes?

Décoloration	Le tissu perd-il sa couleur au soleil, au lavage ou à l'usage?
Durabilité	Combien de temps l'article (ou caractéristique) dure-t-il?
Taille	L'article est-il à votre taille?
Efficacité	L'article (ou caractéristique) est-il efficace?
IPE NBC	Equipement de protection individuelle. ex. Vêtement NBC, respirateur, gants, couvre-chaussures.
Entretien	L'article (ou caractéristique) est-il facile à réparer et à nettoyer?
Stabilité	L'article demeure-t-il en position durant une activité ou un mouvement brusque?

INFO

PROTÉGÉ A (lorsque rempli)

Renseignements personnels

Veuillez indiquer les renseignements demandés dans les espaces fournis :

Soldat ○ MR subalterne ○ MR supérieur ○ Officier ○ | Homme ○ Femme ○

Force régulière ○ Force de réserve ○ Autre ○ _____

0 - 1 an ○ 1 - 5 ans ○ 5 - 10 ans ○ Plus de 10 ans ○

Moyen-Orient ○ Plateau du Golan ○ Sinaï ○ Croatie ○ Bosnie ○ Rwanda ○ Chypre ○

Somalie ○ Cambodge ○ Haïti ○ Autre ○ _____

<5'1	5'1	5'2	5'3	5'4	5'5	5'6	5'7	5'8	5'9	5'10	5'11	6'0	6'1	6'2	6'3	6'4	6'5	>6'5
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

<130	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	>210
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

<34	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	>50
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

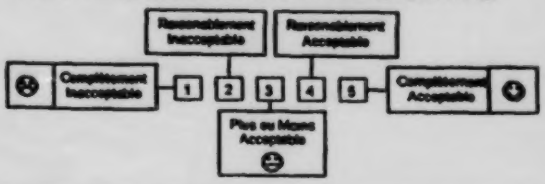
<24	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	>40
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

C S T S H I R T

Chemise de combat DCamC

[redacted]

- O Jamais >>>>>>>>>>
- O Moins de 10 fois
- O 10 fois ou plus



Section A: Tissu

Décoloration	O O O O O	Résistance aux taches	O O O O O	Lavabilité	O O O O O
Dégorgement de la couleur	O O O O O	Résistance au rétrécissement	O O O O O	Étanchéité	O O O O O

Section B: Grandeur distribuée

Longueur (pouces)	67	70	73	76	
	O	O	O	O	
Poitrine (pouces)	36	40	44	48	52
	O	O	O	O	O

[redacted]

Section C: Fréquence de lavage

Nombre de lavages depuis distribution:

en garnison ____

au lavoir payant ____

au domicile ____

à la buanderie de terrain ____

Section D: Fréquence de séchage

Nombre de fois séché depuis distribution:

à l'air ____

au séchoir (chaud) ____

au séchoir (basse température) ____

Section E: Fréquence de port

Nombre de jours porté depuis distribution:

en garnison ____

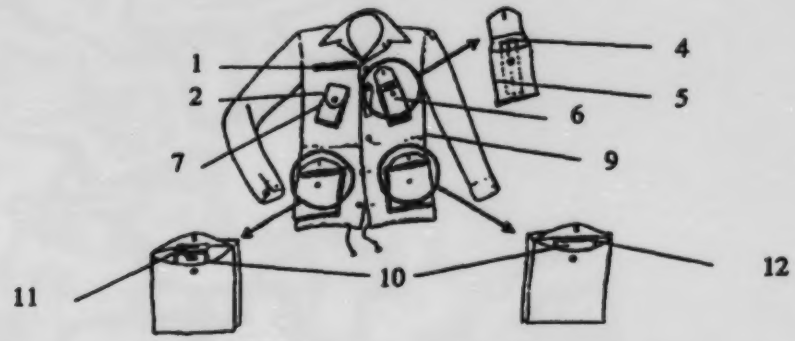
sur le terrain ____

CBTSHIRT

Chemise de combat DCamC

Section F: Changement de dessin

Évaluez les changements de dessin proposés ci-desous.



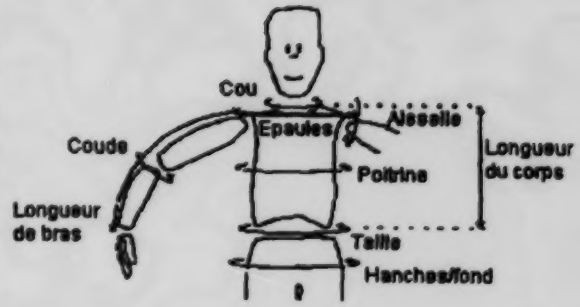
Description de changement de dessin	Efficacité (performe bien) ☹ 😐 ☺	Durabilité (porte bien) ☹ 😐 ☺	Acceptabilité en générale ☹ 😐 ☺
1. Ecusson d'identification changé pour le tissu DCamC.	O O O O O	O O O O O	O O O O O
2. Poche de poitrine élargie par 1/2 pouce.	O O O O O	O O O O O	O O O O O
3. Porte crayon inserti à l'intérieur de la poche.	O O O O O	O O O O O	O O O O O
4. Position du porte crayon à l'arrière de la poche.	O O O O O	O O O O O	O O O O O
5. Position du porte crayon au coté de la poche.	O O O O O	O O O O O	O O O O O
6. Porte crayon ajouté à l'intérieur de la poche gauche.	O O O O O	O O O O O	O O O O O
7. Port crayon ajouté à l'intérieur de la poche droite.	O O O O O	O O O O O	O O O O O
8. Corde de ceinture attachée à l'intérieur.	O O O O O	O O O O O	O O O O O
9. Location de la corde de ceinture (hauteur)	O O O O O	O O O O O	O O O O O
10. Poche d'utilité simple à l'intérieur de la poche de bas "cargo".	O O O O O	O O O O O	O O O O O
11. Fermeture "flap" velcro sur la poche base d'utlité (intérieur droit).	O O O O O	O O O O O	O O O O O
12. Absence du "flap" à fermeture (gauche) à l'intérieur de la poche d'utilité simple.	O O O O O	O O O O O	O O O O O

CBTSHIRT

Chemise de combat DCamC

Section G: Confort et taille

Cou	O	O	O	O	O	O	O	O
Épaules	O	O	O	O	O	O	O	O
Haut bras	O	O	O	O	O	O	O	O
L'avant bras	O	O	O	O	O	O	O	O
Coude	O	O	O	O	O	O	O	O
Poignets	O	O	O	O	O	O	O	O
Longueur de bras	O	O	O	O	O	O	O	O
Poitrine	O	O	O	O	O	O	O	O
Taille	O	O	O	O	O	O	O	O
Hanches/fond	O	O	O	O	O	O	O	O
Longueur du corps	O	O	O	O	O	O	O	O
En générale	O	O	O	O	O	O	O	O



Section H: Cotes générales

	O	O	O	O	O		O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O

Section I: Commentaires:(Utilisez l'arrière de la feuille si nécessaire)

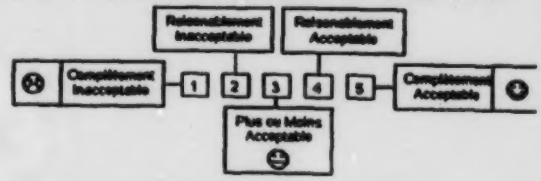
SVP Commentez sur les points suivants:

- Y avait-il des différences marquantes dans le lavage, le séchage, ou l'usage de la chemise de combat DCamC comparé au tissu (OG107) en service?
- Quels changements additionels suggériez-vous dans le dessin de la chemise de combat DCamC?
- Commentaires additionels?

C B T T R S R S

Pantalon de combat DCamC

O	Jamais >>>>>>>>>>
O	Moins de 10 fois
O	10 fois ou plus



Section A: Tissu

Décoloration	O O O O O	Résistance aux taches	O O O O O	Lavabilité	O O O O O
Dégorgement de la couleur	O O O O O	Résistance au rétrécissement	O O O O O	Étanchéité	O O O O O

Section B: Grandeur distribuée

Longueur (pouces)	67	70	73	76	
	O	O	O	O	
Taille (pouces)	**30**	**34**	**38**	**42**	**46**
	O	O	O	O	O

Section C: Fréquence de lavage

Nombre de lavages depuis distribution:

en garnison _____

au lavoir payant _____

au domicile _____

à la buanderie de terrain _____

Section D: Fréquence de séchage

Nombre de fois séché depuis distribution:

à l'air _____

au séchoir (chaud) _____

au séchoir (basse température) _____

Section E: Fréquence de port

Nombre de jours porté depuis distribution:

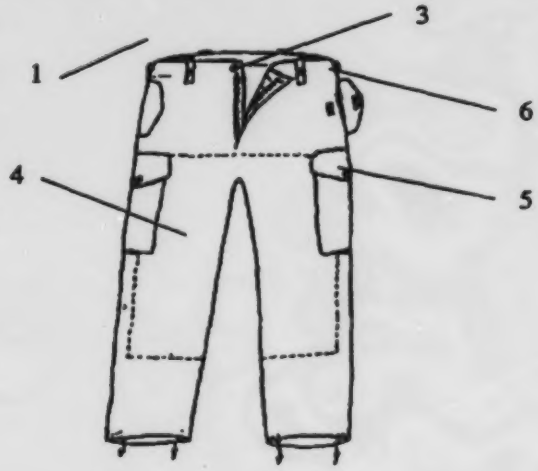
en garnison _____

sur le terrain _____

Pantalon de combat DCamC

Section F: Changement de dessin

Évaluez les changements de dessin proposés ci-desous.

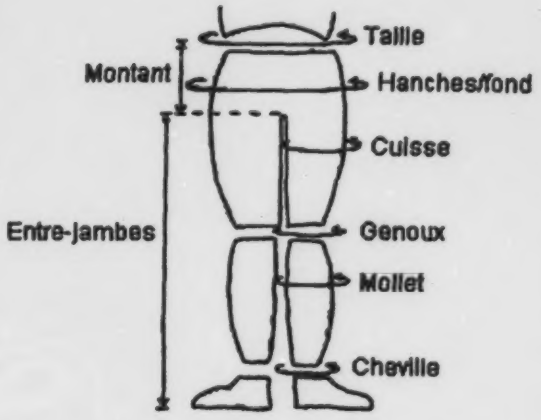


Description de changement de dessin	Efficacité (performme bien) ☹ 😐 ☺	Durabilité (porte bien) ☹ 😐 ☺	Acceptabilité en générale ☹ 😐 ☺
1. Bande élastique ajouté à la ceinture de taille.	O O O O O	O O O O O	O O O O O
2. Montant d'ajustabilité fourni par les bandes élastiques ajoutées à la ceinture de taille.	O O O O O	O O O O O	O O O O O
3. Fermeture éclair en nylon .	O O O O O	O O O O O	O O O O O
4. Agrandissement de l'appliqué du genoux.	O O O O O	O O O O O	O O O O O
5. Poche (cargo) de coté agrandie par 1/2 pouce.	O O O O O	O O O O O	O O O O O
6. Elimination du bouton de la poche avant oblique remplacér par le velcro.	O O O O O	O O O O O	O O O O O
7. Elimination de la poche arrière droite.	O O O O O	O O O O O	O O O O O
8. Elimination de la manchette au bas du pantalon.	O O O O O	O O O O O	O O O O O
9. Bas du pantalon rétréci à partir du genou.	O O O O O	O O O O O	O O O O O

Pantalon de combat DCamC

Section G: Confort et taille

Taille	O	O	O	O	O	O	O	O
Hanches/fond	O	O	O	O	O	O	O	O
Montant	O	O	O	O	O	O	O	O
Cuisses	O	O	O	O	O	O	O	O
Genoux	O	O	O	O	O	O	O	O
Mollets	O	O	O	O	O	O	O	O
Chevilles	O	O	O	O	O	O	O	O
Entre-jambes	O	O	O	O	O	O	O	O
En générale	O	O	O	O	O	O	O	O



Section H: Cotes générales

	O	O	O	O	O		O	O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O	O

Section I Commentaires:(Utilisez l'arrière de la feuille si nécessaire)

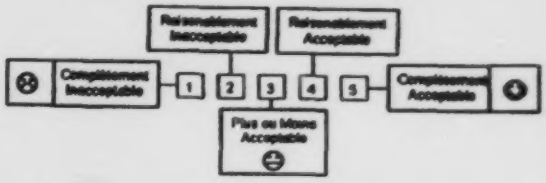
SVP Commentez sur les points suivants:

- Y avait-il des différences marquantes dans le lavage, séchage, ou l'usage de pantalon de combat DCamC comparé au tissu (OG107) en service?
- Quels changements additionels suggériez-vous dans le dessin du pantalon de combat DCamC?
- Commentaires additionels?

T S H R T

Tee-shirt DCamC

O	Jamais>>>>>>>>>>
O	Moins de 10 fois
O	10 fois ou plus



Section A: Tissu

Décoloration	O O O O O	Résistance aux taches	O O O O O	Lavabilité	O O O O O
Dégorgement de la couleur	O O O O O	Résistance au rétrécissement	O O O O O	Étanchéité	O O O O O
		Résistance aux odeurs	O O O O O		

Section B: Grandeur distribuée

O	O	O	O	O	O

Section C: Fréquence de lavage

Nombre de lavages depuis distribution:

en garnison _____

au lavoir payant _____

au domicile _____

à la buanderie de terrain _____

Section D: Fréquence de séchage

Nombre de fois séché depuis distribution:

à l'air _____

au séchoir (chaud) _____

au séchoir (basse température) _____

Section E: Fréquence de port

Nombre de jours porté depuis distribution:

en garnison _____

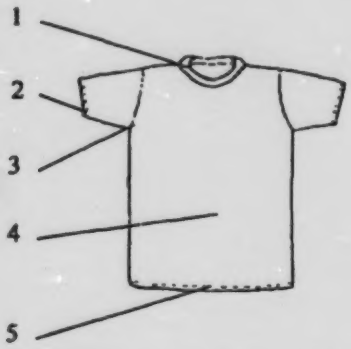
sur le terrain _____

T S H R T

Tee-shirt DCamC

Section F: Caractéristiques:

1. Col	O O O O O	O O O O O
2. Rebords de manche	O O O O O	O O O O O
3. Coutures	O O O O O	O O O O O
4. Tissu	O O O O O	O O O O O
5. Ourlet	O O O O O	O O O O O



Section G: Article entier

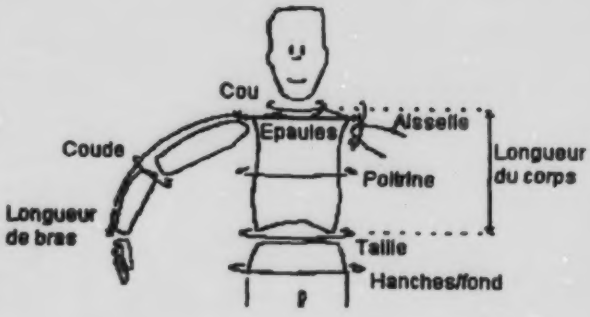
Résistance à la déchirure	O O O O O	Gilet molleton	O O O O O	S'assoir	O O O O
Résistance à l'usure	O O O O O	Pantalon molleton	O O O O O	Être debout	O O O O
Résistance aux accrocs	O O O O O	Chemise de combat	O O O O O	Ramper	O O O O
Point de couture	O O O O O	Pantalon de combat	O O O O O	Marcher au pas	O O O O
Résistance au rétrécissement	O O O O O	Camisole thermale légère	O O O O O	Courir	O O O O
Résistance aux taches	O O O O O	Caleçon thermal légère	O O O O O	Creuser	O O O O
Résistance aux odeurs	O O O O O	IPE NBC	O O O O O	Grimper	O O O O
Réparabilité	O O O O O			Se coucher au sol	O O O O
		Temps froid	O O O O O	S'accroupir	O O O O
Confort thermal	O O O O O	Temps frais	O O O O O	Plier le cou	O O O O
Protection thermale	O O O O O	Temps doux	O O O O O	Se pencher	O O O O
Perméabilité à l'air	O O O O O	Temps chaud	O O O O O	Lancer	O O O O
Antisudoralité	O O O O O	Pluie	O O O O O	Étendre le bras	O O O O
Étanchéité après sueur	O O O O O	Vent	O O O O O		O O O O
Poids	O O O O O	Poussière	O O O O O		O O O O
Mobilité	O O O O O		O O O O O		O O O O
			O O O O O		O O O O
Enfiler	O O O O O		O O O O O		O O O O
Enlever	O O O O O		O O O O O		O O O O

T S H R T

Tee-shirt DCamC

Section H: Confort et taille

Cou	O	O	O	O	O	O	O
Épaules	O	O	O	O	O	O	O
Aisselle	O	O	O	O	O	O	O
Haut bras	O	O	O	O	O	O	O
Poitrine	O	O	O	O	O	O	O
Taille	O	O	O	O	O	O	O
Hanches/fond	O	O	O	O	O	O	O
Longueur du corps	O	O	O	O	O	O	O
En général	O	O	O	O	O	O	O



Section I: Cotes Générales

	O	O	O	O	O	O	O	O	O	O
	O	O	O	O	O	O	O	O	O	O

Section J: Préférence de tissu

Indiquez votre choix préféré pour les tissus suivants.

Tissu Poly-Cotton (e.x. tee-shirt en service)	O	O	O	O	O	O	O	Coolmax (e.x. Tee-shirt CADPAT)

Section K: Commentaires:(Utilisez l'arrière de la feuille si nécessaire)

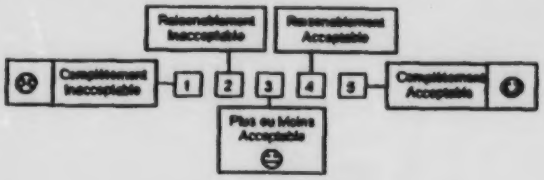
SVP Commentez sur les points suivants:

- Y avait-il des différences marquantes dans le lavage, séchage, ou l'usage du Tee-shirt DCamC comparé au tissu (OG107) en service?
- Quels changements additionels suggériez-vous dans le dessin du Tee-shirt DCamC?
- Commentaires additionels?

CBTHAT

Casque de combat à larges bords DCamC

O Jamais >>>>>>>>>>	
O Moins de 10 fois	
O 10 fois ou plus	



Section A: Tissu

Décoloration	O O O O O	Résistance aux taches	O O O O O	Lavabilité	O O O O O
Dégorgement de la couleur	O O O O O	Résistance au rétrécissement	O O O O O	Étanchéité	O O O O O

Section B: Grandeur distribuée

6 ½	6 ⅝	6 ¾	6 ⅞	7	7 ⅛	7 ¼	7 ⅜	7 ½	7 ⅝	7 ¾	7 ⅞
O	O	O	O	O	O	O	O	O	O	O	O

Section C: Fréquence de lavage

Nombre de lavages depuis distribution:
en garnison ____
au lavoir payant ____
au domicile ____
à la buanderie de terrain ____

Section D: Fréquence de séchage

Nombre de fois séché depuis distribution:
à l'air ___
au séchoir (chaud) ___
au séchoir (basse température) ___

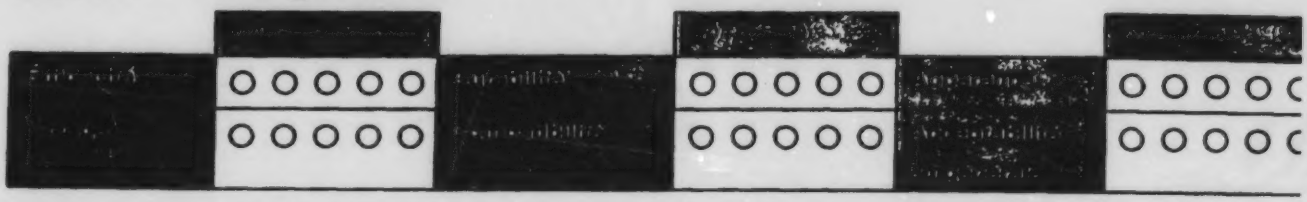
Section E: Fréquence de port

Nombre de jours porté depuis distribution:
en garnison ___
sur le terrain ___

C B T H A T

Casque de combat à larges bords DCamC

Section F: Cotes générales



Section G: Commentaires:(Utilisez l'arrière de la feuille si nécessaire)

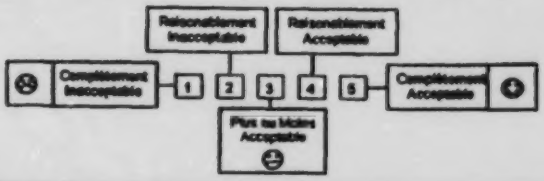
SVP Commentez sur les points suivants:

- Y avait-il des différences marquantes dans le lavage, séchage, ou l'usage du casque de combat à larges bords comparé au tissu (OG107) en service?
- Quels changements additionels suggériez-vous dans le dessin du casque de combat à larges bords?
- Commentaires additionels?

R N S U I T

Manteau de pluie DCamC

O Jamais >>>>>>>>>>	[redacted]
O Moins de 10 fois	
O 10 fois ou plus	



Section A: Tissu

Décoloration	O O O O O	Résistance aux taches	O O O O O	Lavabilité	O O O O O
Dégorgement de la couleur	O O O O O	Résistance au rétrécissement	O O O O O	Étanchéité	O O O O O
				Résistance à L'abrasivité (couleur)	O O O O O

Section B: Grandeur distribuée (Manteau)

					[redacted]
Longueur (pouces)	**67**	**70**	**73**	**76**	
	O	O	O	O	
Poitrine (pouces)	**36**	**40**	**44**	**48**	
	O	O	O	O	

Section C: Grandeur distribuée (Pantalon)

					[redacted]
Longueur (pouces)	**67**	**70**	**73**	**76**	
	O	O	O	O	
Taille (pouces)	**30**	**34**	**38**	**42**	
	O	O	O	O	

Section D: Fréquence de lavage

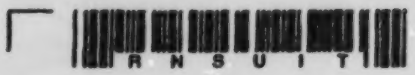
Nombre de lavages depuis distribution: rinçage (boyau or évier) _____

À la machine _____

Section E: Fréquence de séchage

Nombre de fois séché depuis distribution: à l'air _____

autre _____

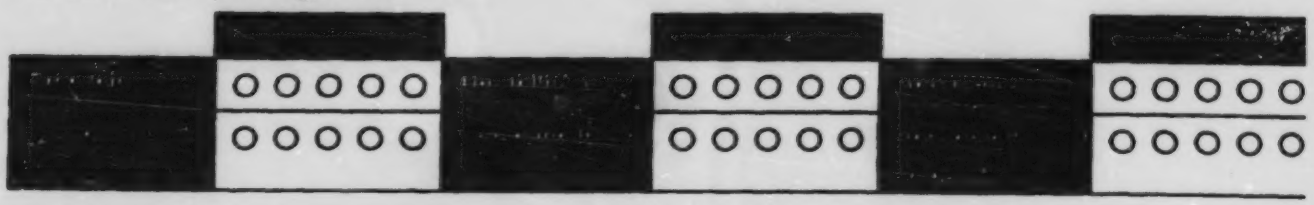


Manteau de pluie DCamC

Section F: Fréquence de port

Nombre de fois porté depuis distribution: en garnison _____
sur le terrain _____

Section G: Cotes générales



Section H: Commentaires:(Utilisez l'arrière de la feuille si nécessaire)

SVP Commentez sur les points suivants:

- Y avait-il des différences marquantes dans le lavage, séchage, ou l'usage du manteau de pluie comparé au tissu (OG107) en service?
- Quels changements additionels suggériez-vous dans le dessin du manteau de pluie?
- Commentaires additionels?

CADPAT

Dessin de Camouflage (DCamC)

Merci pour votre participation dans les épreuves de patron de camouflage de l'armée de terre. Ce dessin uniquement canadien est basé sur une analyse intensive du terrain géographique canadien. Il est projeté qu'un numbre de vêtements d'operations et d'equipment individuel sera disponible en DCamC.

Prioritization

Habiller le Soldat a l'intention d'incorporer DCamC dans le casque de combat à larges bords, le havresac, la musette, la veste antifragmentation et, la veste tactique durant la production initiale. Pour les autres items, DCamC sera incorporé éventuellement. Dans votre opinion, quelle devrait être la priorité dans l'introduction du patron de camouflage concernant les items suivants:

Item	Bas	Medium		
Manteau et pantalon de pluie	☐	☐	☐	☐
Habiller le Soldat chemise molleton (Système Amélioré de Vêtements Adaptés (SAVA))	☐	☐	☐	☐
Habiller le Soldat pantalon molleton (SAVA)	☐	☐	☐	☐
Habiller le Soldat veston léger (SAVA)	☐	☐	☐	☐
Habiller le Soldat pantalon léger (SAVA)	☐	☐	☐	☐
Habiller le Soldat anorak (SAVA)	☐	☐	☐	☐
Habiller le Soldat "Insulated Bib" (SAVA)	☐	☐	☐	☐
Habiller le Soldat camisole thermal légere	☐	☐	☐	☐
Habiller le Soldat calçon thermal léger	☐	☐	☐	☐
Habiller le Soldat sous vêtements temperé	☐	☐	☐	☐
"Coveralls" pour équipage de véhicule de combat (CVC)	☐	☐	☐	☐
CVC jaquette d'hiver	☐	☐	☐	☐
CVC bavette insulée d'hiver	☐	☐	☐	☐
Ensemble protectif individuel "coveralls" (Défense Nucléaire Biologique et Chimique)	☐	☐	☐	☐
Ensemble protectif individuel enveloppe (Défense Nucléaire Biologique et Chimique)	☐	☐	☐	☐
Echarpe	☐	☐	☐	☐
Tuque	☐	☐	☐	☐
Serviette de bain	☐	☐	☐	☐
Serviette à main	☐	☐	☐	☐
Intérieur de sac de couchage	☐	☐	☐	☐

CADPAT

Dessin de Camouflage (DCamC)

Extérieur de sac de couchage	☐	☐	☐	☐
Doublure de sac de couchage	☐	☐	☐	☐
Capuchon de sac de couchage	☐	☐	☐	☐
Enveloppe de sac de couchage	☐	☐	☐	☐
Bivi-Sac	☐	☐	☐	☐
Doublure de poncho	☐	☐	☐	☐
"Shelter Half"	☐	☐	☐	☐
Matelas à l'air (inflation automatique)	☐	☐	☐	☐
"Kit Bag" .	☐	☐	☐	☐
"ERYX Backpack"	☐	☐	☐	☐
"Personal Weapon Cleaning, Spare Barrel, Accessory Bags"	☐	☐	☐	☐
"SA Weapon Covers for AFVs"	☐	☐	☐	☐
Mousticaire de tente pour 4 hommes.	☐	☐	☐	☐
Tente pour 4 hommes	☐	☐	☐	☐

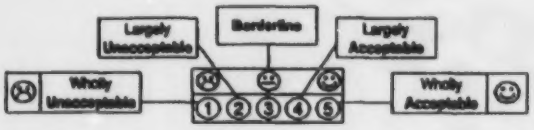
Commentaires:

ANNEX C

CADPAT ACCESS RESULTS

Key Page

Most items were rated on a scale of 1 to 5 as shown on the X-axis (along the top) of the Mean Acceptance Rating graphs. The 5-point acceptance scale is shown below.



Groups are indicated by numbers on the Y-axis (left side) of the Mean Acceptance Rating graphs. The numbers correspond to the following groups:

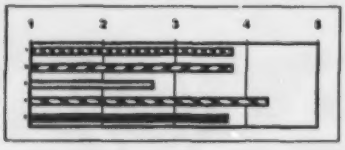
1. PPCLI
2. 3RCR
3. 3R22R
4. CWO
5. Overall

Mean Acceptance Ratings:

Means (average scores) equal to or less than 4.0 ("Largely Acceptable") have been highlighted. The SD or Standard Deviation is also provided.

Example:

Group	*Mean*	*SD*
PPCLI		1.3
3RCR		1.2
3R22R		1.6
CWO	4.3	0.8
Overall		1.2



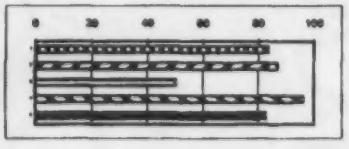
Acceptability Ratings:

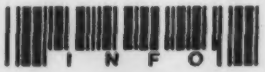
n = number of osbservations (participants that answered the question)
%n = percentage of participants that answered the question from the total number of participants that completed the questionnaire.
% acceptable = percentage of participants (n) that rated the item as acceptable (i.e. >3)

Items that are less than 80% of participants rated as acceptable have been highlighted.

Example:

n	*%n*	*%acceptable*
42.0	97.7	83.3
61.0	100.0	86.9
20.0	100.0	60.0
26.0	96.3	96.2
149.0	98.7	82.6





PROTECTED A (when completed)

Personal Information

Please provide the requested information in the spaces provided:

Service Number

Unit | MOC

Rank | Gender

Junior NCM O Senior NCO O Junior Officer NCO O Senior Officer & Above O | Male O Female O

Component

Regular Force O Reserve Force O Other O _____

Length of Active Service

0 - 1 Year O 1 - 5 Years O 5 - 10 Years O Over 10 Years O

Operational Experience (By Theatre)

Middle East O Golan Heights O Sinai O Croatia O Bosnia O Rwanda O Cyprus O

Somalia O Cambodia O Haiti O Other O _____

Height (Round to Nearest Inch)

<5'1	5'1	5'2	5'3	5'4	5'5	5'6	5'7	5'8	5'9	5'10	5'11	6'0	6'1	6'2	6'3	6'4	6'5	>6'5
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

Weight (Pounds)

<130	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	>210
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

Chest Circumference (Inches)

<34	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	>50
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

Waist Circumference (Inches)

<24	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	>40
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

Personal Information

Unit	
3PPCLI	43
3RCR	61
3 R22R	20
CWOs	27

	MOC										
	11	21	23A	31	41	411	421	441	69C	711	811
3 PPCLI	0	0	1	41	0	0	0	0	0	1	0
3 RCR	0	0	2	58	0	0	0	0	0	0	0
3 R22R	0	0	1	17	0	0	0	0	0	0	0
CWOs	3	2	1	8	2	1	2	1	2	0	1
Total	3	2	5	124	2	1	2	1	2	1	1

	MOC (Continued)				
	836	911	935	2184	3521
3 PPCLI	0	0	0	0	0
3 RCR	1	0	0	0	0
3 R22R	0	1	0	0	1
CWOs	0	3	3	1	0
Total	1	4	3	1	1

	Rank									
	Junior NCM		Senior NCO		Jr Officer NCO		Sr Officer +		No response	
	n	%	n	%	n	%	n	%	n	%
3 PPCLI	34	79.1	7	16.3	1	2.3	0	0.0	1	2.3
3 RCR	49	80.3	8	13.1	3	4.9	0	0.0	1	1.6
3 R22R	8	40.0	5	25.0	2	10.0	2	10.0	3	15.0
CWOs	1	3.7	23	85.2	0	0.0	2	7.4	1	3.7
Total	92	60.9	43	28.5	6	4.0	4	2.6	6	4.0

	Gender					
	Male		Female		No Response	
	n	%	n	%	n	%
3 PPCLI	32	74.4	1	2.3	10	23.3
3 RCR	55	90.2	0	0.0	6	9.8
3 R22R	18	90.0	1	5.0	1	5 0
CWOs	23	85.2	1	3.7	3	11.1
Total	128	84.8	3	2.0	20	13.2

	Component					
	Regular Force		Reserve Force		Other	
	n	%	n	%	n	%
3 PPCLI	43	100.0	0	0.0	0	0.0
3 RCR	61	100.0	0	0.0	0	0.0
3 R22R	20	100.0	0	0.0	0	0.0
CWOs	22	81.5	5	18.5	0	0.0
Total	146	96.7	5	3.3	0	0.0

	Length of Adult Service							
	0 - 1 Years		1 - 5 Years		5 - 10 Years		10+ Years	
	n	%	n	%	n	%	n	%
3 PPCLI	5	11.6	22	51.2	4	9.3	12	27.9
3 RCR	1	1.6	41	67.2	3	4.9	16	26.2
3 R22R	0	0.0	5	25.0	7	35.0	8	40.0
CWOs	0	0.0	0	0.0	0	0.0	26	96.3
Total	6	4.0	68	45.3	14	9.3	62	41.3

	Operational Experience							
	None		One		Two		Three or more	
	n	%	n	%	n	%	n	%
3 PPCLI	26	60.5	8	18.6	7	16.3	2	4.7
3 RCR	13	21.3	31	50.8	8	13.1	9	14.8
3 R22R	5	25.0	5	25.0	7	35.0	3	15.0
CWOs	5	18.5	10	37.0	7	25.9	5	18.5
Total	49	32.5	54	35.8	29	19.2	19	12.6

	Operational Deployments										
	MidEast	Golan Hts	Sinai	Croatia	Bosnia	Rwanda	Cyprus	Somalia	Cambodia	Haiti	Other
3 PPCLI	0	0	0	9	12	0	5	1	0	0	1
3 RCR	1	0	0	13	46	4	8	1	0	0	3
3 R22R	0	0	0	7	11	0	1	0	2	6	1
CWOs	5	3	1	3	8	0	14	2	0	2	3
Total	6	3	1	32	77	4	28	4	2	8	8

	Height		
	mean	s.d.	n
3 PPCLI	70.1	2.5	43
3 RCR	70.8	2.8	61
3 R22R	70.3	2.3	20
CWOs	70.2	2.4	27
Total	93.8	3.3	151

	Weight		
	mean	s.d.	n
3 PPCLI	181.2	19	43
3 RCR	185.9	20.2	61
3 R22R	179	22.5	20
CWOs	190	20	27
Total	245.367	27.2	151

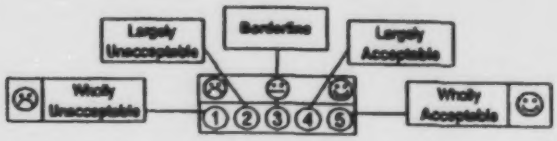
	Chest Size			
	mean	s.d.	n	no resp
3 PPCLI	42.0	2.8	40	3
3 RCR	41.8	3.0	61	0
3 R22R	41.7	2.8	18	2
CWOs	44.0	3.2	27	0
Total	56.5	3.9	146	5

	Waist Size			
	mean	s.d.	n	no resp
3 PPCLI	33.0	2.2	42	1
3 RCR	33.6	2.1	61	0
3 R22R	34.5	3.2	19	1
CWOs	35.3	2.7	27	0
Total	45.5	3.4	149	2

C B T S H I R T

CADPAT Combat Shirt

O Never >>>>>>>>>>	[redacted]
O Less than 10 Times	
O 10 Times or More	



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O

Section B: Size Issued

Height (inches)	67	70	73	76	
	O	O	O	O	
Chest (inches)	**36**	**40**	**44**	**48**	**52**
	O	O	O	O	O

[redacted]

Section C: Frequency of Washing

Number of times washed since issue: in garrison _____

in coin operated machines _____

at home _____

by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue: air dried _____

tumble dried (hot) _____

tumble dried (low) _____

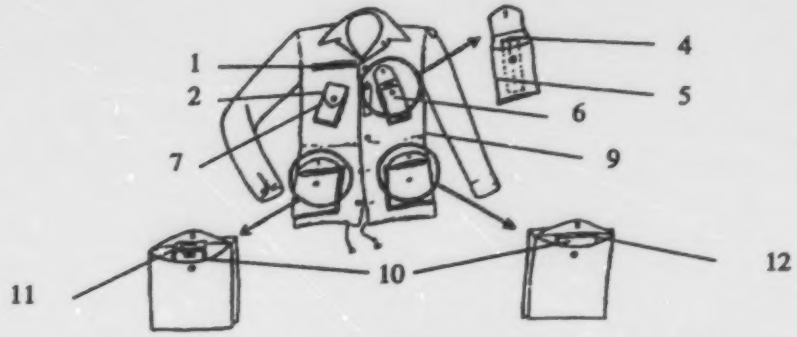
Section E: Frequency of Wear

Number of days worn since issue: in garrison _____

in the field _____

Section F: Design Changes

Rate the following proposed design changes.



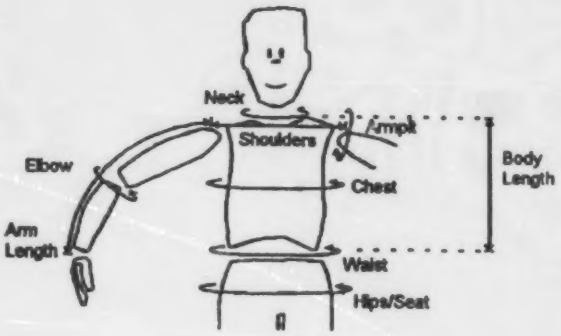
Design Change Description	Functionality (works well)	Durability (wears well)	Overall Acceptance
1. Nametag changed to CADPAT material background.	O O O O O	O O O O O	O O O O O
2. Breast pockets widened by ½ inch.	O O O O O	O O O O O	O O O O O
3. Pencil holders moved to inside of pocket.	O O O O O	O O O O O	O O O O O
4. Pencil holder position on rear of pocket.	O O O O O	O O O O O	O O O O O
5. Pencil holder position on side of pocket.	O O O O O	O O O O O	O O O O O
6. Pencil holder added in left-side breast pocket.	O O O O O	O O O O O	O O O O O
7. Pencil holder added in right-side breast pocket.	O O O O O	O O O O O	O O O O O
8. Waist string tied on the inside.	O O O O O	O O O O O	O O O O O
9. Waist string location (height)	O O O O O	O O O O O	O O O O O
10. Single utility pocket on inside of lower cargo pockets.	O O O O O	O O O O O	O O O O O
11. Velcro closure flap on lower right inside single utility pocket.	O O O O O	O O O O O	O O O O O
12. No flap closure on lower left inside single utility pocket.	O O O O O	O O O O O	O O O O O

C B T S H I R T

CADPAT Combat Shirt

Section G: Comfort and Fit

Neck	O	O	O	O	O	O	O	O
Shoulders	O	O	O	O	O	O	O	O
Upper Arms	O	O	O	O	O	O	O	O
Lower Arms	O	O	O	O	O	O	O	O
Elbow	O	O	O	O	O	O	O	O
Wrists	O	O	O	O	O	O	O	O
Arm Length	O	O	O	O	O	O	O	O
Chest	O	O	O	O	O	O	O	O
Waist	O	O	O	O	O	O	O	O
Hips/Seat	O	O	O	O	O	O	O	O
Body Length	O	O	O	O	O	O	O	O
Overall	O	O	O	O	O	O	O	O



Section H: Overall Ratings

	O	O	O	O	O		O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O

Section I: Comments (use back of sheet if required)

Please comment on the following points:

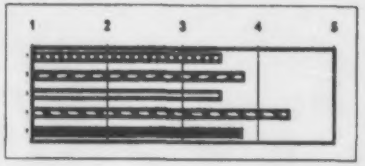
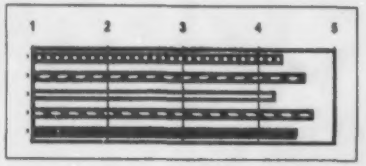
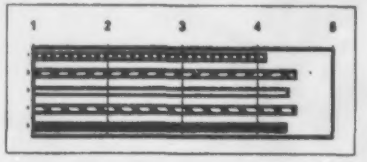
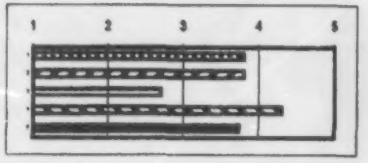
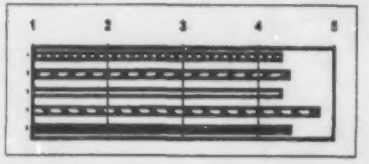
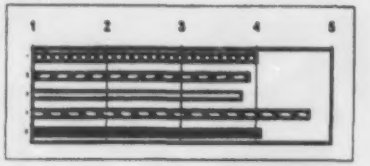
- Were there any noticeable differences in washing, drying or wearing of the CADPAT combat shirt compared to the in-service (OG107) material?
- What additional design changes to the combat shirt would you suggest?
- Additional comments?

CADPAT Combat Shirt

TIMES GARMENT WORN

	3PPCLI		2RCR		3R22R		CWOs		
	n	%	n	%	n	%	n	%	overall%
never	0	0.0	0	0.0	0	0.0	0	0.0	0.0
less than 10 times	0	0.0	1	1.6	0	0.0	5	18.5	4.0
10 times or more	43	100.0	60	98.4	20	100.0	22	81.5	96.0
No Response	0		0		0		0		

SECTION A: MATERIAL

Item	*Group*	*Mean*	*SD*	Mean Acceptance Rating	*n*	*%n*	*%acceptable*
Colour Fading	PPCLI	[redacted]	1.1		43.0	100.0	88.4
	3RCR		1.1		61.0	100.0	88.5
	3R22R		1.2		20.0	100.0	80.0
	CWO	4.4	0.6		26.0	96.3	100.0
	Overall	[redacted]	1.0		150.0	99.3	89.3
Colour Bleeding	PPCLI	4.3	0.8		41.0	95.3	100.0
	3RCR	4.6	0.6		61.0	100.0	100.0
	3R22R	4.2	1.0		17.0	85.0	88.2
	CWO	4.7	0.5		26.0	96.3	100.0
	Overall	4.5	0.7		145.0	96.0	98.6
Stain Resistance	PPCLI	4.1	0.8		42.0	97.7	100.0
	3RCR	4.5	0.6		61.0	100.0	100.0
	3R22R	4.4	0.6		20.0	100.0	100.0
	CWO	4.5	0.6		25.0	92.6	100.0
	Overall	4.4	0.7		148.0	98.0	100.0
Shrink Resistance	PPCLI	[redacted]	1.3		42.0	97.7	83.3
	3RCR		1.2		61.0	100.0	86.9
	3R22R		1.6		20.0	100.0	[redacted]
	CWO	4.3	0.8		26.0	96.3	96.2
	Overall	[redacted]	1.2		149.0	98.7	82.6
Washability	PPCLI	4.3	0.8		43.0	100.0	97.7
	3RCR	4.4	0.7		61.0	100.0	96.7
	3R22R	4.3	0.7		20.0	100.0	100.0
	CWO	4.8	0.4		27.0	100.0	100.0
	Overall	4.4	0.7		151.0	100.0	98.0
Dryability	PPCLI	[redacted]	1.2		43.0	100.0	86.0
	3RCR		1.1		60.0	98.4	88.3
	3R22R		1.3		18.0	90.0	88.9
	CWO	4.7	0.5		26.0	96.3	100.0
	Overall	4.1	1.0		147.0	97.4	89.8

SECTION B: SIZE ISSUED

	n	%	n	%	n	%	n	%	Overall%
Height 67	11	27.5	6	10.5	3	16.7	4	18.0	17.1
Height 70	15	37.5	32	56.1	8	44.4	11	44.0	47.1
Height 73	13	32.5	18	26.3	7	38.9	9	36.0	31.4
Height 76	1	2.5	4	7.0	0	0.0	1	4.0	4.3
No response	3		4		2		2		
Chest 36	3	7.5	4	6.9	2	10.0	0	0.0	8.4
Chest 40	11	27.5	22	37.9	8	40.0	5	20.0	32.6
Chest 44	26	65.0	23	39.7	6	30.0	13	52.0	48.2
Chest 48	0	0.0	9	15.5	2	10.0	5	20.0	11.3
Chest 52	0	0.0	0	0.0	0	0.0	2	8.0	1.4
No response	3		3		2		2		

SECTION C: FREQUENCY OF WASHING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	34.9	22	51.2	32.8	19	29.5	36.0	1	5.0	9.8	5	18.5	31.4	46	30.5
Coin Operated	39.0	5	11.6	28.9	7	11.5	0.0	0	0.0	22.5	2	7.4	27.6	14	9.3
At Home	34.1	33	76.7	34.7	49	80.3	42.9	18	90.0	17.4	25	92.6	32.3	125	82.8
Field Laundry	3.1	15	34.9	10.0	1	1.6	19.0	7	35.0	15.0	1	3.7	5.9	24	15.9

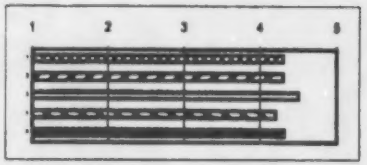
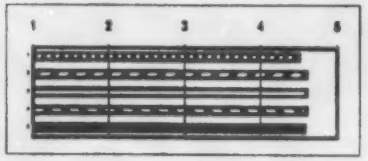
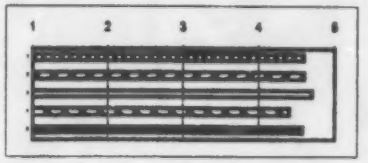
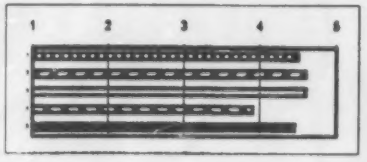
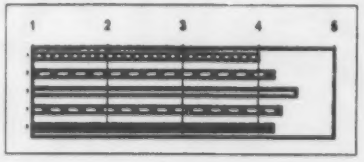
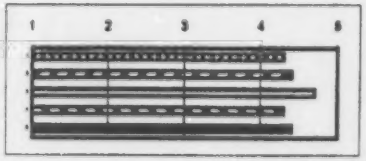
SECTION D: FREQUENCY OF DRYING

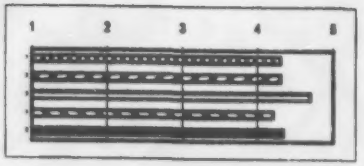
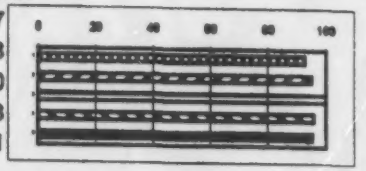
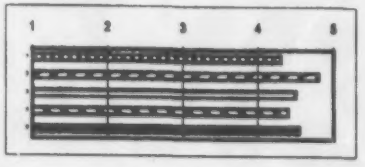
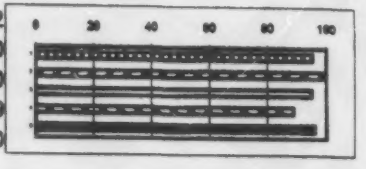
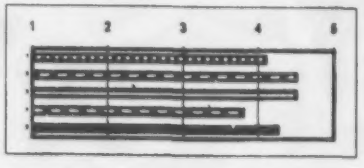
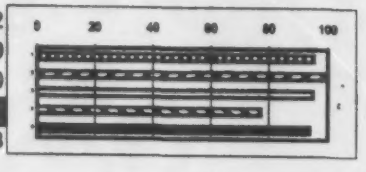
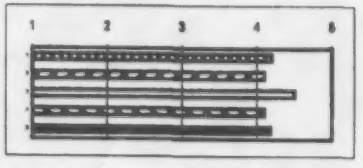
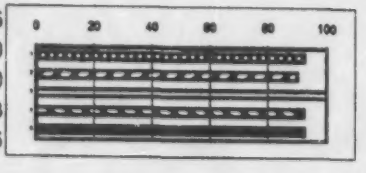
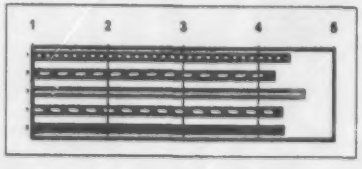
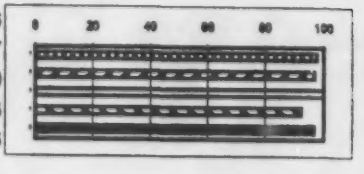
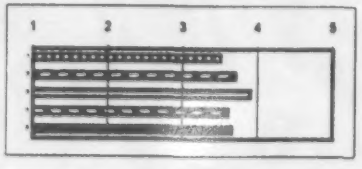
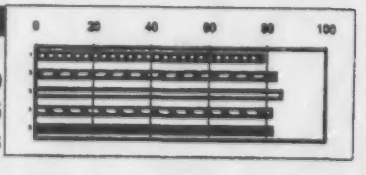
	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
Air Dry	8.9	16	37.2	17.3	18	29.5	19.6	5	25.0	10.6	5	18.5	13.7	44	29.1
Hot Tumble	41.6	42	97.7	33.7	57	93.4	37.1	16	80.0	19.0	19	70.4	34.5	134	88.7
Low Tumble	6.5	4	9.3	25.0	5	8.2	32.4	5	25.0	12.4	7	25.9	19.3	21	13.9

SECTION E: FREQUENCY OF WEARING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	64.0	42	97.7	48.1	61	100.0	54.4	20	100.0	29.3	27	100.0	50.0	150	99.3
In the Field	23.7	41	95.3	18.5	59	96.7	26.3	16	80.0	4.6	13	48.1	19.7	129	85.4

SECTION F: DESIGN CHANGES FUNCTIONALITY

Item	*Group*	*Mean*	*SD*	Mean Acceptance Ratings	*n*	*%n*	*%acceptable*
Nametag changed to CADPAT material background	PPCLI	4.3	0.8		42.0	97.7	100.0
	3RCR	4.3	1.0		59.0	96.7	96.6
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.2	0.7		23.0	85.2	100.0
	Overall	4.3	0.9		144.0	95.4	98.6
Breast pockets widened by 1/2 inch	PPCLI	4.5	0.9		42.0	97.7	97.6
	3RCR	4.6	0.9		60.0	98.4	96.7
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.6	0.7		27.0	100.0	96.3
	Overall	4.6	0.8		149.0	98.7	97.3
Pencil holders moved to inside of pocket	PPCLI	4.6	0.6		42.0	97.7	100.0
	3RCR	4.6	0.7		60.0	98.4	98.3
	3R22R	4.7	0.7		20.0	100.0	100.0
	CWO	4.4	0.8		27.0	100.0	96.3
	Overall	4.6	0.7		149.0	98.7	98.6
Pencil holder position on rear of pocket	PPCLI	4.5	0.7		41.0	95.3	97.6
	3RCR	4.6	0.7		60.0	98.4	98.3
	3R22R	4.6	0.8		20.0	100.0	100.0
	CWO	[redacted]	1.0		25.0	92.6	88.0
	Overall	4.5	0.8		146.0	96.7	96.6
Pencil holder position on side of pocket	PPCLI	[redacted]	1.3		42.0	97.7	85.7
	3RCR	4.2	1.0		59.0	96.7	96.6
	3R22R	4.5	0.9		19.0	95.0	94.7
	CWO	4.3	0.9		25.0	92.6	96.0
	Overall	4.2	1.1		145.0	96.0	93.1
Pencil holder added in left-side breast pocket	PPCLI	4.3	0.9		41.0	95.3	92.7
	3RCR	4.4	0.9		57.0	93.4	94.7
	3R22R	4.7	0.7		20.0	100.0	100.0
	CWO	4.3	0.8		24.0	88.9	95.8
	Overall	4.4	0.9		142.0	94.0	95.1

Item	Group	Mean	SD		n	%n	%acceptable	
Pencil holder added in right-side breast pocket	PPCLI	4.3	0.9		41.0	95.3	92.7	
	3RCR	4.3	1.0		58.0	95.1	94.8	
	3R22R	4.7	0.7		20.0	100.0	100.0	
	CWO	4.2	0.9		24.0	88.9	95.8	
	Overall	4.3	0.9		143.0	94.7	95.1	
Waist string tied on the inside	PPCLI	4.3	1.0		42.0	97.7	95.2	
	3RCR	4.8	0.5		60.0	98.4	100.0	
	3R22R	4.5	0.9		20.0	100.0	95.0	
	CWO	4.4	1.2		27.0	100.0	88.9	
	Overall	4.5	0.8		149.0	98.7	96.0	
Waist string location (height)	PPCLI	4.1	0.9		42.0	97.7	95.2	
	3RCR	4.5	0.7		60.0	98.4	100.0	
	3R22R	4.5	0.9		20.0	100.0	95.0	
	CWO	[redacted]	1.5		27.0	100.0	[redacted]	
	Overall	4.3	0.9		149.0	98.7	93.8	
Single utility pocket on inside of lower cargo pockets	PPCLI	4.2	1.1		40.0	93.0	92.5	
	3RCR	4.1	1.1		60.0	98.4	90.0	
	3R22R	4.5	0.8		20.0	100.0	100.0	
	CWO	4.1	1.1		26.0	96.3	92.3	
	Overall	4.2	1.1		146.0	98.7	92.5	
Velcro closure flap on lower right inside single utility pocket	PPCLI	4.4	0.9		42.0	97.7	97.6	
	3RCR	4.2	0.9		60.0	98.4	96.7	
	3R22R	4.6	0.6		20.0	100.0	100.0	
	CWO	4.3	1.0		26.0	96.3	92.3	
	Overall	4.3	0.9		148.0	98.0	96.6	
No flap closure on lower left inside single utility pocket	PPCLI	[redacted]	1.5		42.0	97.7	[redacted]	
	3RCR		1.2		59.0	96.7	83.1	
	3R22R		1.2		20.0	100.0	85.0	
	CWO		1.2		27.0	100.0	81.5	
	Overall		1.3		148.0	98.0	81.8	

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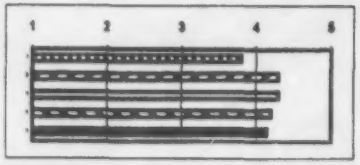
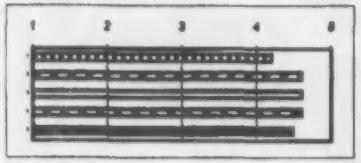
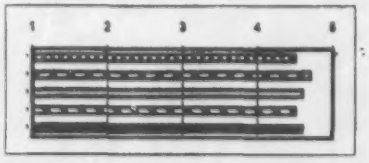
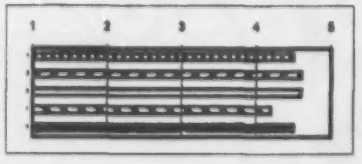
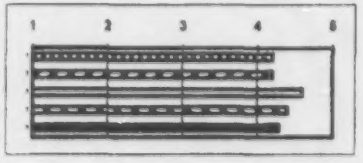
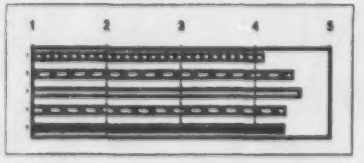
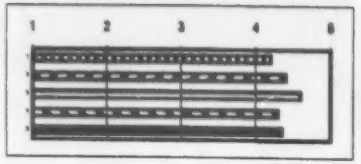
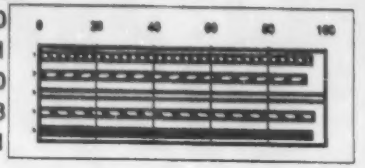
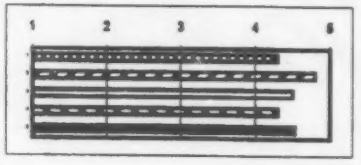
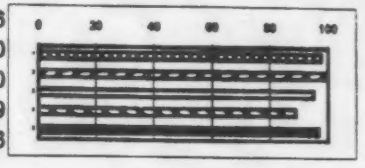
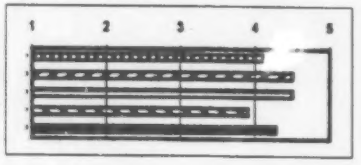
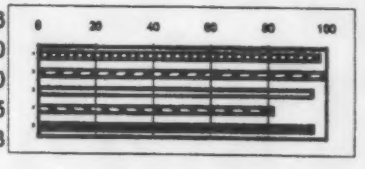
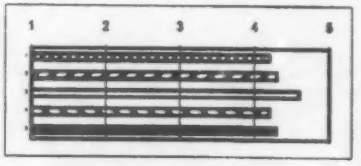
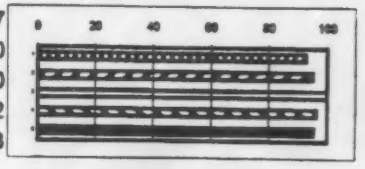
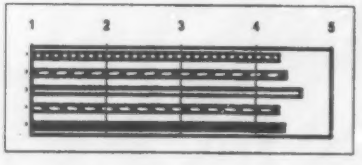
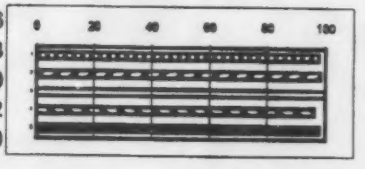
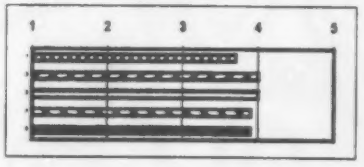
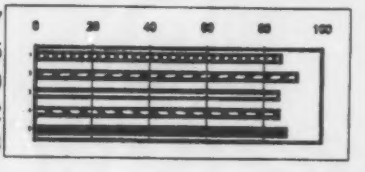
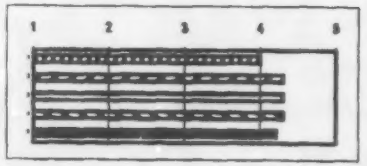
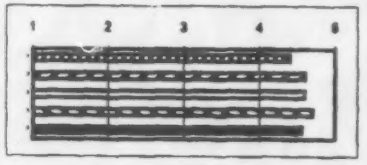
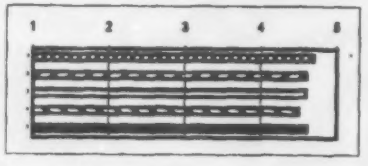
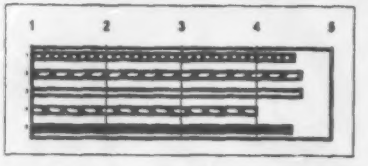
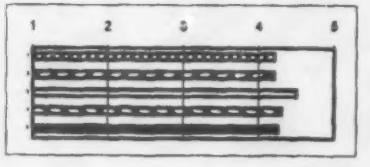
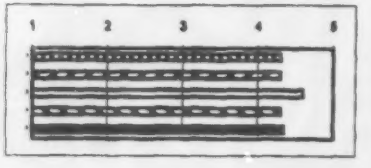
SECTION F: DESIGN CHANGES DURABILITY

Item	Group	Mean	SD	Mean Acceptance Ratings	n	%n	%acceptable
Nametag changed to CADPAT material background	PPCLI	[redacted]	1.0		42.0	97.7	90.5
	3RCR	4.3	0.8		60.0	98.4	95.0
	3R22R	4.3	1.1		20.0	100.0	90.0
	CWO	4.2	0.7		23.0	85.2	100.0
	Overall	4.1	0.9		145.0	96.0	93.8
Breast pockets widened by 1/2 inch	PPCLI	4.2	0.9		41.0	95.3	97.6
	3RCR	4.6	0.7		60.0	98.4	98.3
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.6	0.5		26.0	96.3	100.0
	Overall	4.5	0.7		147.0	97.4	98.6
Pencil holders moved to inside of pocket	PPCLI	4.5	0.7		41.0	95.3	100.0
	3RCR	4.7	0.7		60.0	98.4	98.3
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.5	0.7		27.0	100.0	96.3
	Overall	4.6	0.7		148.0	98.0	98.6
Pencil holder position on rear of pocket	PPCLI	4.5	0.7		41.0	95.3	100.0
	3RCR	4.6	0.7		60.0	98.4	98.3
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.2	0.9		25.0	92.6	92.0
	Overall	4.5	0.7		146.0	96.7	97.9
Pencil holder position on side of pocket	PPCLI	4.2	1.0		41.0	95.3	92.7
	3RCR	4.2	1.0		59.0	96.7	93.2
	3R22R	4.6	0.7		19.0	95.0	100.0
	CWO	4.4	0.9		25.0	92.6	96.0
	Overall	4.3	0.9		144.0	95.4	94.4
Pencil holder added in left-side breast pocket	PPCLI	4.1	1.0		41.0	95.3	92.7
	3RCR	4.5	0.8		56.0	91.8	98.2
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.4	0.8		24.0	88.9	95.8
	Overall	4.4	0.8		141.0	93.4	96.4

Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Pencil holder added in right-side breast pocket	PPCLI	4.2	1.0		42.0	97.7	95.0	
	3RCR	4.4	0.9		58.0	95.1	93.1	
	3R22R	4.6	0.7		20.0	100.0	100.0	
	CWO	4.3	0.8		24.0	88.9	95.8	
	Overall	4.4	0.9		144.0	95.4	95.1	
Waist string tied on the inside	PPCLI	4.3	0.9		41.0	95.3	97.6	
	3RCR	4.8	0.5		60.0	98.4	100.0	
	3R22R	4.5	0.9		20.0	100.0	95.0	
	CWO	4.3	1.1		27.0	100.0	88.9	
	Overall	4.5	0.8		148.0	98.0	96.6	
Waist string location (height)	PPCLI	4.1	0.8		41.0	95.3	97.6	
	3RCR	4.5	0.6		60.0	98.4	100.0	
	3R22R	4.5	0.9		20.0	100.0	95.0	
	CWO	[redacted]	1.4		27.0	100.0	81.5	
	Overall	4.3	0.8		148.0	98.0	95.3	
Single utility pocket on inside of lower cargo pockets	PPCLI	4.2	1.1		41.0	95.3	92.7	
	3RCR	4.3	0.9		60.0	98.4	95.0	
	3R22R	4.6	0.6		20.0	100.0	100.0	
	CWO	4.2	0.9		26.0	96.3	96.2	
	Overall	4.3	0.9		147.0	97.4	95.3	
Velcro closure flap on lower right inside single utility pocket	PPCLI	4.3	0.9		42.0	97.7	97.6	
	3RCR	4.4	0.7		59.0	96.7	98.3	
	3R22R	4.6	0.6		20.0	100.0	100.0	
	CWO	4.3	1.0		26.0	96.3	96.2	
	Overall	4.4	0.8		147.0	97.4	98.0	
No flap closure on lower left inside single utility pocket	PPCLI	[redacted]	1.3		42.0	97.7	85.7	
	3RCR		1.0		59.0	96.7	91.5	
	3R22R		1.2		20.0	100.0	85.0	
	CWO		1.2		27.0	100.0	85.2	
	Overall		1.1		148.0	98.0	87.8	

SECTION F: OVERALL ACCEPTANCE

Item	Group	Mean	SD	Mean Acceptance Ratings	n	%n	%acceptable
Nametag changed to CADPAT material background	PPCLI	[redacted]	0.9		43.0	100.0	95.3
	3RCR	4.3	0.8		58.0	95.1	96.6
	3R22R	4.3	0.9		20.0	100.0	95.0
	CWO	4.3	0.8		23.0	85.2	100.0
	Overall	4.2	0.8		144.0	95.4	96.5
Breast pockets widened by 1/2 inch	PPCLI	4.4	0.9		43.0	100.0	97.7
	3RCR	4.6	0.7		59.0	96.7	98.3
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.7	0.5		27.0	100.0	100.0
	Overall	4.6	0.7		149.0	98.7	98.7
Pencil holders moved to inside of pocket	PPCLI	4.7	0.6		43.0	100.0	100.0
	3RCR	4.6	0.8		59.0	96.7	96.6
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.5	0.8		27.0	100.0	96.3
	Overall	4.6	0.7		149.0	98.7	98.0
Pencil holder position on rear of pocket	PPCLI	4.5	0.7		42.0	97.7	100.0
	3RCR	4.6	0.7		58.0	95.1	98.3
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	[redacted]	1.1		25.0	92.6	84.0
	Overall	4.5	0.8		145.0	96.0	96.6
Pencil holder position on side of pocket	PPCLI	4.2	1.1		41.0	95.3	90.2
	3RCR	4.2	1.0		58.0	95.1	94.8
	3R22R	4.5	0.9		19.0	95.0	94.7
	CWO	4.3	1.0		24.0	88.9	95.8
	Overall	4.3	1.0		142.0	94.0	93.6
Pencil holder added in left-side breast pocket	PPCLI	4.3	0.9		42.0	97.7	92.9
	3RCR	4.3	0.9		56.0	91.8	98.2
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.3	0.9		24.0	88.9	95.8
	Overall	4.3	0.9		142.0	94.0	96.5

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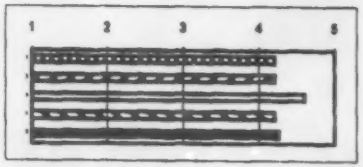
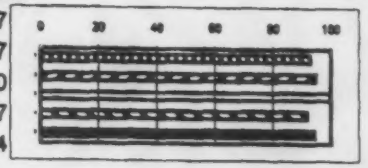
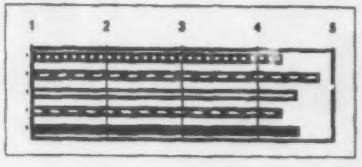
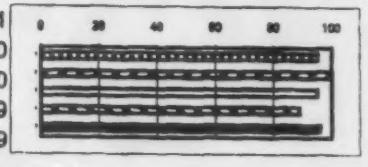
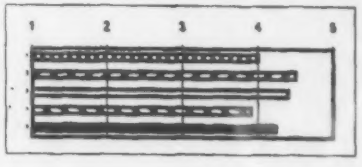
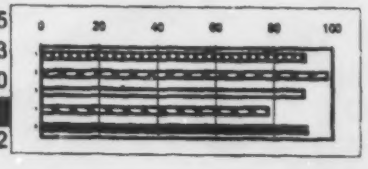
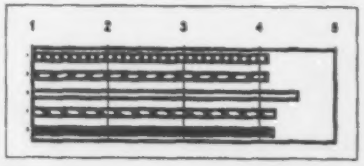
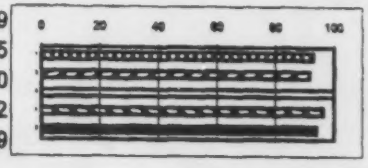
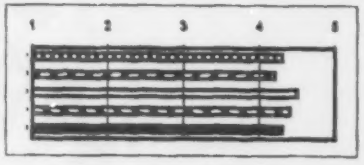
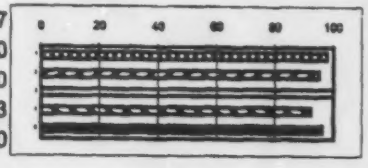
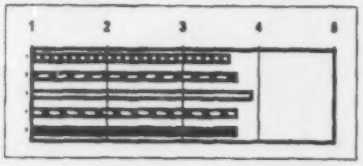
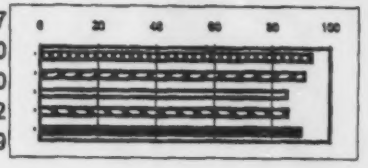
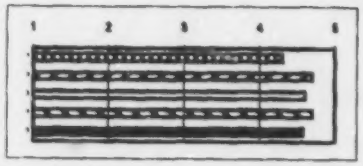
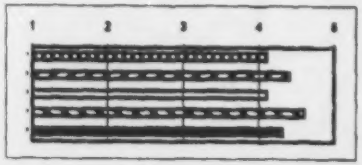
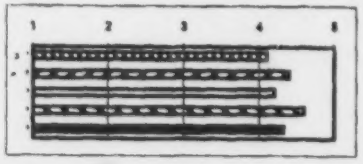
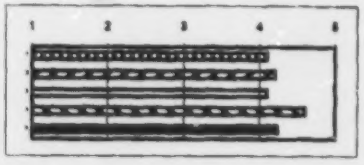
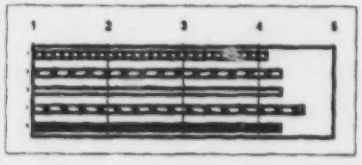
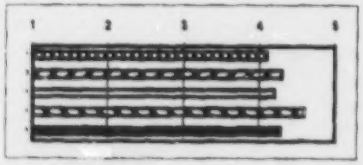
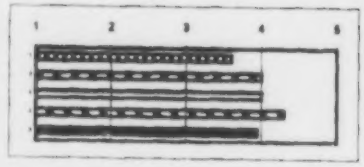
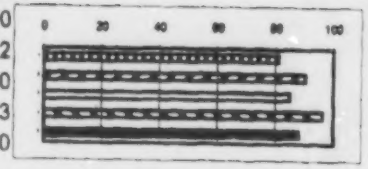
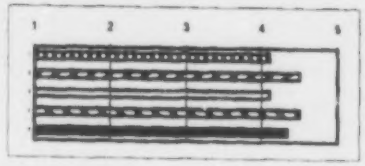
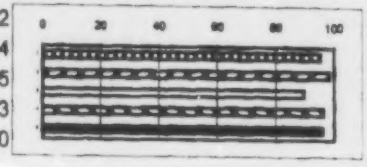
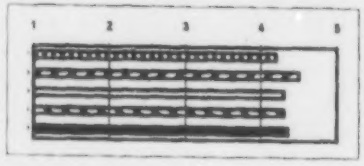
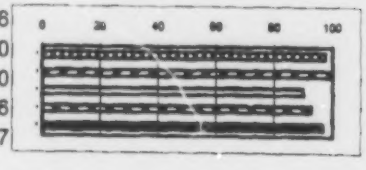
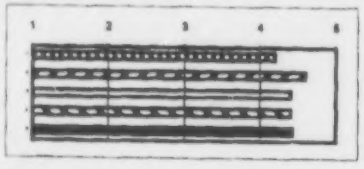
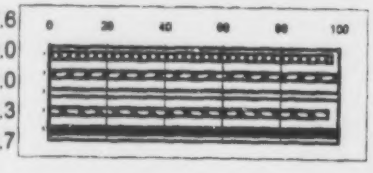
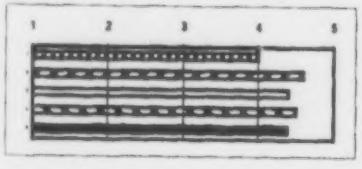
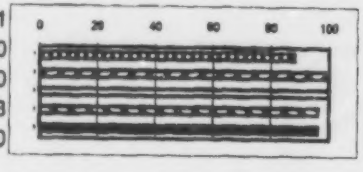
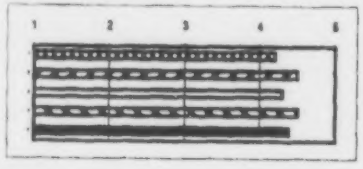
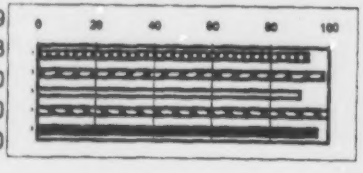
Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Pencil holder added in right-side breast pocket	PPCLI	4.2	1.0		41.0	95.3	92.7	
	3RCR	4.2	1.0		57.0	93.4	94.7	
	3R22R	4.6	0.7		20.0	100.0	100.0	
	CWO	4.2	1.0		24.0	88.9	91.7	
	Overall	4.3	1.0		142.0	94.0	94.4	
Waist string tied on the inside	PPCLI	4.3	1.0		41.0	95.3	95.1	
	3RCR	4.8	0.5		59.0	98.7	100.0	
	3R22R	4.5	0.8		20.0	100.0	95.0	
	CWO	4.3	1.1		27.0	100.0	88.9	
	Overall	4.5	0.8		147.0	97.4	95.9	
Waist string location (height)	PPCLI	[redacted]	1.0		42.0	97.7	90.5	
	3RCR	4.5	0.7		59.0	96.7	98.3	
	3R22R	4.4	1.0		20.0	100.0	90.0	
	CWO	[redacted]	1.4		27.0	100.0	[redacted]	
	Overall	4.2	1.0		148.0	98.0	91.2	
Single utility pocket on inside of lower cargo pockets	PPCLI	4.1	1.0		42.0	97.7	92.9	
	3RCR	4.1	1.0		59.0	96.7	91.5	
	3R22R	4.5	0.7		20.0	100.0	100.0	
	CWO	4.2	1.0		26.0	96.3	96.2	
	Overall	4.2	1.0		147.0	97.4	93.9	
Velcro closure flap on lower right inside single utility pocket	PPCLI	4.3	0.9		43.0	100.0	97.7	
	3RCR	4.2	0.9		60.0	98.4	95.0	
	3R22R	4.5	0.6		20.0	100.0	100.0	
	CWO	4.4	1.1		26.0	96.3	92.3	
	Overall	4.3	0.9		149.0	98.7	96.0	
No flap closure on lower left inside single utility pocket	PPCLI	[redacted]	1.3		43.0	100.0	93.7	
	3RCR		1.2		58.0	95.1	91.0	
	3R22R		1.3		20.0	100.0	85.0	
	CWO		1.2		27.0	100.0	85.2	
	Overall		1.2		148.0	98.0	89.9	

SECTION G: COMFORT

Item	*Group*	*Mean*	*SD*	Mean Acceptance Ratings	*n*	*%n*	*%acceptable*
Neck	PPCLI	4.3	0.8		42.0	97.7	97.6
	3RCR	4.7	0.5		61.0	100.0	100.0
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.7	0.5		27.0	100.0	100.0
	Overall	4.6	0.6		150.0	99.3	99.3
Shoulders	PPCLI	4.1	1.0		42.0	97.7	92.9
	3RCR	4.4	0.8		61.0	100.0	96.7
	3R22R	4.1	1.3		20.0	100.0	90.0
	CWO	4.6	0.5		27.0	100.0	100.0
	Overall	4.3	0.9		150.0	99.3	95.3
Upper Arms	PPCLI	4.1	1.0		42.0	97.7	92.9
	3RCR	4.4	0.8		61.0	100.0	96.7
	3R22R	4.2	1.3		20.0	100.0	90.0
	CWO	4.6	0.6		27.0	100.0	100.0
	Overall	4.3	0.9		150.0	99.3	95.3
Lower Arms	PPCLI	4.1	0.9		42.0	97.7	95.2
	3RCR	4.2	1.1		61.0	100.0	90.2
	3R22R	4.1	1.4		20.0	100.0	85.0
	CWO	4.6	0.7		27.0	100.0	96.3
	Overall	4.2	1.0		150.0	99.3	92.0
Elbow	PPCLI	4.1	0.9		42.0	97.7	95.2
	3RCR	4.3	0.9		61.0	100.0	95.1
	3R22R	4.3	1.1		20.0	100.0	95.0
	CWO	4.6	0.6		27.0	100.0	100.0
	Overall	4.3	0.9		150.0	99.3	96.0
Wrists	PPCLI	4.1	1.0		42.0	97.7	92.9
	3RCR	4.3	1.0		61.0	100.0	93.4
	3R22R	4.2	1.2		20.0	100.0	90.0
	CWO	4.6	0.6		27.0	100.0	100.0
	Overall	4.3	1.0		150.0	99.3	94.0

Item	Group	Mean	SD		n	%n	%acceptable	
Arm Length	PPCLI		1.3		42.0	97.7	81.0	
	3RCR		1.2		61.0	100.0	90.2	
	3R22R		1.4		20.0	100.0	85.0	
	CWO	4.3	0.9		27.0	100.0	96.3	
	Overall		1.2		150.0	99.3	88.0	
Chest	PPCLI	4.1	1.0		42.0	97.7	95.2	
	3RCR	4.5	0.7		61.0	100.0	98.4	
	3R22R	4.1	1.2		19.0	95.0	89.5	
	CWO	4.5	0.7		27.0	100.0	96.3	
	Overall	4.3	0.8		149.0	98.7	96.0	
Waist	PPCLI	4.2	0.9		42.0	97.7	97.6	
	3RCR	4.5	0.7		61.0	100.0	100.0	
	3R22R	4.3	1.2		20.0	100.0	90.0	
	CWO	4.3	1.0		27.0	100.0	92.6	
	Overall	4.4	0.9		150.0	99.3	96.7	
Hips/Seat	PPCLI	4.2	0.9		42.0	97.7	97.6	
	3RCR	4.6	0.6		61.0	100.0	100.0	
	3R22R	4.4	0.8		20.0	100.0	100.0	
	CWO	4.4	0.7		27.0	100.0	96.3	
	Overall	4.4	0.7		150.0	99.3	98.7	
Body Length	PPCLI		1.2		42.0	97.7	88.1	
	3RCR	4.6	0.6		61.0	100.0	100.0	
	3R22R	4.4	0.9		20.0	100.0	100.0	
	CWO	4.5	0.7		27.0	100.0	96.3	
	Overall	4.4	0.8		150.0	99.3	96.0	
Overall	PPCLI	4.2	1.0		42.0	97.7	92.9	
	3RCR	4.5	0.7		60.0	98.4	98.3	
	3R22R	4.3	1.1		20.0	100.0	90.0	
	CWO	4.5	0.6		27.0	100.0	100.0	
	Overall	4.4	0.8		149.0	98.7	96.0	

SECTION G: FIT

	SFPCU3		SR2R		3R22R		CWOs		
	n	%	n	%	n	%	n	%	overall%
Neck									
Too Small	2	4.7	0	0.0	1	5.0	0	0.0	2.0
OK	39	90.7	60	98.4	19	95.0	27	100.0	96.0
Too Big	2	4.7	1	1.6	0	0.0	0	0.0	2.0
No Response	0		0		0		0		
Shoulders									
Too Small	3	7.0	8	13.1	4	20.0	1	3.7	10.6
OK	39	90.7	52	85.2	16	[redacted]	26	96.3	88.1
Too Big	1	2.3	1	1.6	0	0.0	0	0.0	1.3
No Response	0		0		0		0		
Upper Arms									
Too Small	5	11.6	7	11.5	2	10.0	0	0.0	9.3
OK	37	86.0	52	85.2	18	90.0	27	100.0	88.7
Too Big	1	2.3	2	3.3	0	0.0	0	0.0	2.0
No Response	0		0		0		0		
Lower Arms									
Too Small	5	11.6	15	24.6	4	20.0	1	3.7	16.6
OK	37	86.0	45	[redacted]	16	[redacted]	26	96.3	82.1
Too Big	1	2.3	1	1.6	0	0.0	0	0.0	1.3
No Response	0		0		0		0		
Elbow									
Too Small	2	4.7	6	9.8	1	5.0	0	0.0	6.0
OK	40	93.0	54	88.5	19	95.0	27	100.0	92.7
Too Big	1	2.3	1	1.6	0	0.0	0	0.0	1.3
No Response	0		0		0		0		
Wrists									
Too Small	3	7.0	8	13.1	3	15.0	0	0.0	9.3
OK	39	90.7	52	85.2	17	85.0	27	100.0	89.4
Too Big	1	2.3	1	1.6	0	0.0	0	0.0	1.3
No Response	0		0		0		0		
Arm Length									
Too Small	12	27.9	15	24.6	5	25.0	1	3.7	21.9
OK	30	[redacted]	45	[redacted]	15	[redacted]	25	92.6	[redacted]
Too Big	1	2.3	1	1.6	0	0.0	1	3.7	2.0
No Response	0		0		0		0		
Chest									
Too Small	2	4.7	4	6.6	5	25.0	1	3.7	7.9
OK	38	88.4	55	90.2	15	[redacted]	25	92.6	88.1
Too Big	3	7.0	2	3.3	0	0.0	1	3.7	4.0
No Response	0		0		0		0		
Waist									
Too Small	1	2.3	1	1.6	3	15.0	0	0.0	3.3
OK	40	93.0	57	93.4	17	85.0	27	100.0	93.4
Too Big	2	4.7	3	4.9	0	0.0	0	0.0	3.3
No Response	0		0		0		0		
Hips/Seat									
Too Small	2	4.7	1	1.6	1	5.0	1	3.7	3.3
OK	40	93.0	58	95.1	19	95.0	25	92.6	94.0
Too Big	1	2.3	2	3.3	0	0.0	1	3.7	2.6
No Response	0		0		0		0		
Body Length									
Too Small	3	7.0	2	3.3	1	5.0	0	0.0	4.0
OK	36	88.4	58	95.1	19	95.0	25	92.6	92.7
Too Big	2	4.7	1	1.6	0	0.0	2	7.4	3.3
No Response	0		0		0		0		
Overall									
Too Small	4	9.3	2	3.3	3	15.0	0	0.0	6.0
OK	37	86.0	57	93.4	17	85.0	27	100.0	91.4
Too Big	2	4.7	2	3.3	0	0.0	0	0.0	2.6
No Response	0		0		0		0		

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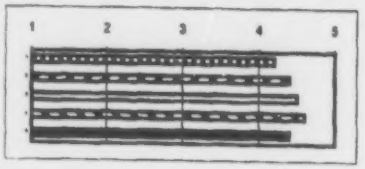
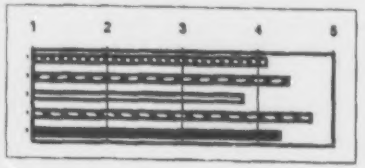
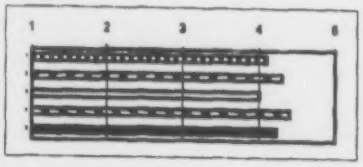
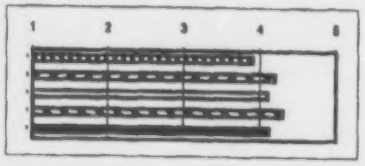
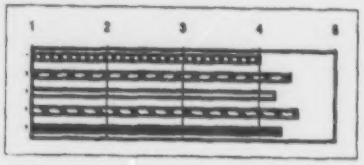
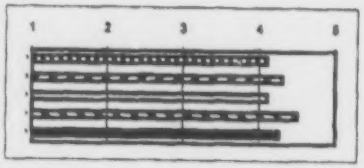
SECTION H: OVERALL RATINGS

Item	*Group*	*Mean*	*SD*	Mean Acceptance Ratings	*n*	*%n*	*%acceptable*
Functionality	PPCLI	4.2	0.8		42.0	97.7	95.2
	3RCR	4.4	0.7		61.0	100.0	98.4
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.6	0.5		27.0	100.0	100.0
	Overall	4.4	0.7		150.0	99.3	98.0
Care	PPCLI	4.1	0.8		42.0	97.7	95.2
	3RCR	4.4	0.7		61.0	100.0	98.4
	3R22R	[redacted]	1.3		20.0	100.0	80.0
	CWO	4.7	0.5		27.0	100.0	100.0
	Overall	4.3	0.8		150.0	99.3	95.3
Durability	PPCLI	4.1	0.9		41.0	95.3	95.1
	3RCR	4.3	0.9		61.0	100.0	93.4
	3R22R	[redacted]	1.2		20.0	100.0	85.0
	CWO	4.4	0.6		27.0	100.0	100.0
	Overall	4.2	0.9		149.0	98.7	93.9
Clothing Compatibility	PPCLI	[redacted]	0.9		42.0	97.7	95.2
	3RCR	4.2	1.0		61.0	100.0	93.4
	3R22R	4.1	1.2		20.0	100.0	85.0
	CWO	4.3	0.7		27.0	100.0	100.0
	Overall	4.1	0.9		150.0	99.3	94.0
Appearance	PPCLI	[redacted]	1.1		42.0	97.7	92.9
	3RCR	4.4	1.0		61.0	100.0	93.4
	3R22R	4.2	1.3		20.0	100.0	90.0
	CWO	4.5	0.7		27.0	100.0	100.0
	Overall	4.3	1.0		150.0	99.3	94.0
Overall Acceptability	PPCLI	4.1	1.0		42.0	97.7	97.6
	3RCR	4.3	0.9		61.0	100.0	95.1
	3R22R	4.1	1.2		20.0	100.0	90.0
	CWO	4.5	0.5		27.0	100.0	100.0
	Overall	4.3	0.9		150.0	99.3	96.0

SECTION I: COMMENTS

Any noticeable differences in washing/drying/wearing CADPAT compared to in-service material?

3PPCLI

I washed shirt 4 times all strings fell out.
Washes a lot better and holds more colour for longer duration, these combats are a lot more comfortable than the normal issue.
No difference in washing
Pants and shirt shrunk in length
Faded faster than T-shirt
no noticeable differences, although the OG107 material seemed to fade faster
there were no differences in wash and drying but wearing takes a while to get used to because of the colour
tended to shrink a lot more than old uniform
no change in laundering
faded too quickly, shirt shrank
CADPAT did not fade as fast as OG107
Seems to have better wear and far less fading.
threads on cadpat shirt fray quickly
no noticeable differences
cadpats should be more durable, rip too easy
when wearing cadpat in field you could notice it was cooler
material does not fade or shrink as badly
the armpits are too small, length and size of sleeves too small
the flaps on the elbows, the slit from the wrist to the elbows bothered me when rolled up sleeves got too tight
sleeves were too tight to the upper arms when rolled up (summer dress)
washing, drying and wearing were similar
material shrunk considerably
seemed to take longer to air dry when wearing in comparison to other material
no difference in care, actually were better in the field over long period of time

3RCR

no differences in washing, drying, wearing
I wore the shirt 3 times a week and wash and dried 3 times a week, only problem found was sleeves shrunk 1-2" in length
found that the combats did not dry as fast as the old material
found that the cadpat uniform did not dry as quickly when we were soaked in the field, I noticed a considerable size shrinkage after the 1st drying, continued drying really wore out the button fittings
as you notice lots of fading on this material, esp in the summer heat and after washing, never dries with body heat, unlike last cbts
I found for wearing not to be any different than the current cbt clothing
not too much fading with material
quicker drying capabilities
I found that after more than 10 washes the colour would fade to almost white especially in elbows and knees
durability pockets began ripping away from shirt after 15-20 washes
does not dry as quick
it seemed to take longer to dry on the body
cbt shirt took longer to dry out when in the field
takes longer to dry
hotter in warm weather than old
quicker drying capabilities
I noticed no difference in laundering the cadpat shirt compared to the old od, theres no need for design changes except the nylon
cadpat takes longer to dry, increased durability

no noticeable differences in washing and drying or wearing, it is a little tight after drying in dryer
clothing tended to fade and shrink a tad
cadpat cbt shirt holds up better in washer than old, uniform sewing of seams could be better for reinforcement
cadpat shrunk a little bit but not enough to affect comfort
seems to take longer to dry
washed good, dried fast, comfortable to wear, color faded in sunlight and from use (very noticeable)
they don't air dry as good as the old cbt shirt
cbts take a long time to dry in the field, ie. When it rains
shirt was thicker and warmer and took longer to dry
faded greatly after wash and dry, shrinking was immense
cbts do not wrinkle
did not air dry as quickly out in the field, therefore you were wet and cold for a longer period
faded when washing or drying
no differences that I could see or feel in comparison of 2 types of cbts, both are comfortable
noticeable difference in washing, drying and wearing, due to larger shrinking and length of time drying on you in the field (longer),
slight fade after wash but stayed fairly consistent afterwards
no noticeable differences in washing and drying of the shirt
when you get wet in the field, you take longer to dry in the new cadpat combats
I found that the cbt shirt took longer to dry in the field, a faster drying material would be great, however I liked the added protection against poisonous plant material
cadpat appeared to shrink more after being washed and tumble dried
it was extremely hot during any activities during the summer months, cbt shirt needs to be more breathable
material needs to be easier to dry during field use, elbow and lower arm too constrictive
cadpat shirt faded in normal way when washed
comfortable to wear
no noticeable differences
material doesn't fade enough

3R22R

Le combat en generalement netre sie
Excellent, no problem
Discolors rapidely, it should keep its color longer.
My shirt became way too small after several washings, the rest is excellent.
The tissue shrinks in the wash and discolors a lot. The shirt becomes like spandex.
The shirt changed color quickly after washing and also shrunk quit a bit.
The shirt shrunk considerably in the wash or dryer so I could no longer use it.
The shirt has a tendency to fade and shrink in the wash.
Due to shrinking, the shirt is uncomfortable in the shoulders and the arm length becomes to short.
Shrinks in the wash
The way the shirt is made is not resistant, it fell apart at my right shoulder.
It doesn't shrink like others in the dryer.

CWOs

When washing and drying the garment: threads do not shrink as before on 06/89, is virtually wrinkle-free, some fading but OG109 had no colour so I would say fading is minimal The sleeves on my shirt shrunk almost 2", initially they were well over my hand and down to finger, after 1 wash they fit. No futher shrinkage has been observed.
Take much less time for drying - excellent!
cadpat cbt shirt dries in half the time as old cbt's
Nametag velcro has tendancy to shrink, really enjoyed to wear the cbt shirt, I think that I will be more comfortable wearing a 7048 instead of a 7348

1/4" too long, the shirt shrinks which makes the velcro piece attached to it buckle/wrinkle in turn the name tag looks bad because it already hangs over each end or 1 end by 1/4", now it snags on things or starts to come off just by the back and forth movement of the right arm

wears better than the in-service, washes and dries the same

no changes in washing and drying, doesn't appear as wrinkled when removed from dryer when cold as OG107, sleeves fit fine when down but quite snug when rolled up, hip and seat with the bottom button done up is snug

no noticeable difference between the two materials

shirt has started to fray near collar

excellent uniform - wash and wear better than OG107

very good wash and wear uniform, good feeling of all-around comfort

cadpat appeared less wrinkled after drying then OG107

washed well but late in getting uniform can't give many comments as only worn twice

because of multi colour pattern I believe that the wear of the material will be approx the same however the appearance of the cadpat will be better

Additional design changes would you suggest?

3PPCLI

Need another back pocket.
keep rank in front, don't have shoulder epaulettes
pockets on sleeves
put pocket on sleeve like gortex jacket
Addition of compass pocket on arm so that it is accessible with LBV and flak vest on
inside velcro flaps is a good idea
Pockets on upper sleeves with new vest can't use breast pockets, breast pockets big enough to hold 30 round mag, should be like british smock, more windproof
possible arm pocket - single cuff
would have velcro flaps for both inside pockets
less spacing between buttons on shirt, but same #, bottom button would be higher and the shirt wouldn't bunch up when seated
pocket on upper sleeve please, something small to hold a pen and paper to aid in patrols, drying etc. easier to get at if in an awkward position, w/prone position
pen holder and small compass pocket on sleeves (when wearing a load bearing vest you won't be able to get at it), go to a straight sleeve with no cuff and button

3RCR

suggest lowering waist 1" - 1 1/2"
one pocket on the inside with a zipper and the left lower inner pocket should have a flap
would like mag pouches back in pockets
velcro pockets on both sides
theres no need for design changes except the nylon utility pockets I found useless and never had occasion to use them
design is ok overall
no additional changes at this time
put the pockets (breast) higher
utility pocket on inside of lower cargo pockets no big enough for FMP w/case as everyone has, velcro good idea
add a 2nd velcro to right inside of shirt, name tag is too long, black print name tag not required
mag pockets for c7 instead of utility pocket
breast pockets - small objects fall out too easily
it's pretty good the way it is now
pencil holder should be on side of pocket, due to whatever was in the pocket would push pencil into chest (esp. in prone posn)
make pen pockets more accessible
add length to sleeves and size to armpit area
I would like to see larger sleeves for the purpose of wearing warm kit underneath
inside velcro pocket flap is unnecessary design expense, no requirement for bottom of shirt strings
pen is too hard to get at in a hurry (radio messages)
add velcro on second pocket
I enjoy all the changes
a velcro cover in the lower left cargo, pocket would help, stronger stitching is required on the seams of the pockets and the stitching should be doubled over the whole shirt
put mag pouches back in lower pockets, didn't use new ones for anything, get rid of velcro nametag (wears out much faster than sewn on nametag), get rid of strings, wrist is too small, as a matter of fact the entire shirt is too small if I wear anything under it, who is going to sewn on new velcro when it wears out?
I would suggest increasing size of the pockets much more
nametag size is excessive, is element designation essential?
nametag is too long it should be cut back a bit so the velcro will not come off when you move, rank in the front you can't see it unless you are looking directly at the person anad it gets caught on everything - put it back on the arms

3R22R

Change the placement of the velcro on the flap for the right utility pocket so it is softer on the hand when reaching in the pocket
The button holes should be reinforced so the buttons don't come undone.
Why have a camouflaged shirt when the ones we have now are unique
Bad tissue coloring and likes the old one better.
The breast pocket is too big and wears badly when filled. Likes the old one better (smaller)
Velcro on flap for left pocket should be like the right one.
Add velcro to the left pocket, and breast cord is too high especially after shrinking takes place.
The velcro has a tendency to get unsewn, and it is hotter than the old shirt in the summer time.

CWOs

Put the waist string exit hole just about an inch further apart on 1" further away from button and button hole
waist string should be lowered about two inches so they do not catch on lower ribs
lower the waist string from bottom of rib cage area to where a persons waist really is
keep pencil holders on inside of pockets (sides only) six are not needed
Shorten nametag by 1/4"
a slightly larger hip and seat would be more comfortable - I would consider myself to have average hip and seat size
additional change: to have velcro in both cargo pockets
waist string is not required
widen one of breast pockets to fit field note pad
waist draw string should be lowered and change to elastic, remove lower pockets and have a combat shirt that tucks in
waist string is too high, you could remove string and use elastic or pull tab like crew suit, like the fit and fond material very comfortable

Additional comments?

3PPCLI

good, everything was fine
get enough proper sizes when issuing, pretty good
good
overall I really like combats
very pleased with item, lets get going with issue
good to go, wouldn't change a thing
don't change a thing, very impressed
I find that the material doesn't seem to breath as much as the old material
no problems
none

3RCR

good overall
I found the shirt to be alright
good
overall very acceptable
too bright
I had no problems with all aspects of this cbt shirt
good piece of kit
overall good rating
issue size asked for not what people believe should be issued, never received nametag
no problems with shirt
overall very good

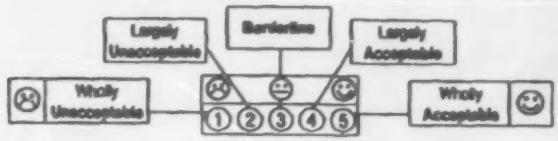
CWOs

no big difference in durability form og107 cbts
no changes - good
all ok, no changes at all.
widen one of breast pockets to fit field note pad

C B T T R S R S

CADPAT Combat Trousers

O	Never >>>>>>>>>>
O	Less than 10 Times
O	10 Times or More



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O

Section B: Size Issued

Height (inches)	67	70	73	76	
	O	O	O	O	
Waist (inches)	**30**	**34**	**38**	**42**	**46**
	O	O	O	O	O

Section C: Frequency of Washing

Number of times washed since issue: in garrison _____

in coin operated machines _____

at home _____

by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue: air dried _____

tumble dried (hot) _____

tumble dried (low) _____

Section E: Frequency of Wear

Number of days worn since issue: in garrison _____

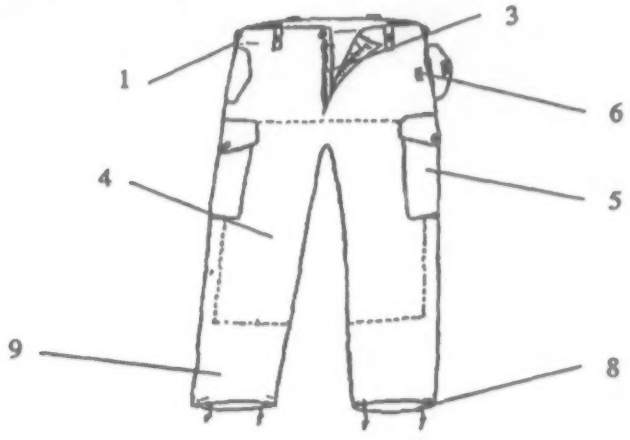
in the field _____

C B T T R S R S

CADPAT Combat Trousers

Section F: Design Changes

Rate the following proposed design changes.

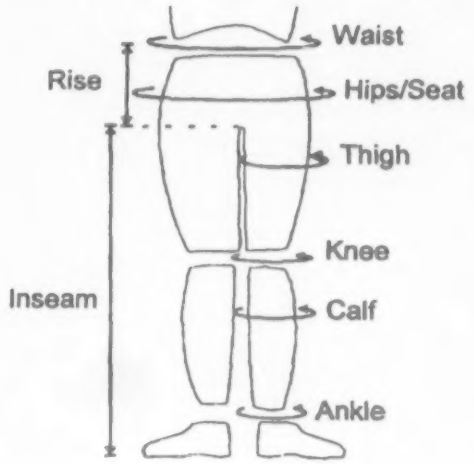


Design Change Description	Functionality (works well) ☹ 😐 ☺	Durability (wears well) ☹ 😐 ☺	Overall Acceptance ☹ 😐 ☺
1. Elastic strips added on the waist band.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
2. Amount of adjustability provided by the elastic strips in the waist band.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
3. Nylon tooth zipper fly.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
4. Knee patch coverage increased.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
5. Side cargo pocket increased by ½ inch.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
6. Button on front slant pocket replaced with Velcro.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
7. Right rear pocket removed.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
8. Storm cuffs removed from lower legs.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
9. Lower leg slightly tapered from knee down.	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○

CADPAT Combat Trousers

Section G: Comfort and Fit

Waist	○	○	○	○	○	○	○	○
Hips / Seat	○	○	○	○	○	○	○	○
Rise	○	○	○	○	○	○	○	○
Thighs	○	○	○	○	○	○	○	○
Knees	○	○	○	○	○	○	○	○
Calves	○	○	○	○	○	○	○	○
Ankles	○	○	○	○	○	○	○	○
Inseam	○	○	○	○	○	○	○	○
Overall	○	○	○	○	○	○	○	○



Section H: Overall Ratings

	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○	○	○

Section I: Comments (use back of sheet if required)

Please comment on the following points:

- Were there any noticeable differences in washing, drying or wearing of the CADPAT combat trousers compared to the in-service (OG107) material?
- What additional design changes to the combat trousers would you suggest?
- Additional comments?

CADPAT Combat Trousers

TIMES GARMENT WORN

	3RPCLI		3RCR		3R22R		CWOs		
	n	%	n	%	n	%	n	%	overall%
never	0	0.0	0	0.0	0	0.0	0	0.0	0.0
less than 10 times	0	0.0	1	1.6	0	0.0	5	18.5	4.0
10 times or more	42	97.7	60	98.4	20	100.0	22	81.5	95.4
no response	1	2.3	0	0.0	0	0.0	0	0.0	0.7

SECTION A: MATERIAL

Mean Acceptance Rating

Item	*Group*	*Mean*	*SD*	*n*	*%n*	*%acceptable*
Colour Fading	PPCLI		1.4	41.0	95.3	80.5
	3RCR		1.2	58.0	95.1	87.9
	3R22R		1.4	20.0	100.0	
	CWO	4.5	0.8	24.0	88.9	95.8
	Overall		1.2	143.0	94.7	86.0
Colour Bleeding	PPCLI	4.2	1.0	41.0	95.3	95.1
	3RCR	4.7	0.6	58.0	95.1	98.3
	3R22R	4.2	1.3	18.0	90.0	88.9
	CWO	4.8	0.5	24.0	88.9	100.0
	Overall	4.5	0.8	141.0	93.4	96.5
Stain Resistance	PPCLI	4.1	0.9	39.0	90.7	97.4
	3RCR	4.5	0.6	58.0	95.1	100.0
	3R22R	4.3	0.7	20.0	100.0	100.0
	CWO	4.6	0.6	24.0	88.9	100.0
	Overall	4.4	0.7	141.0	93.4	99.3
Shrink Resistance	PPCLI	4.1	1.1	40.0	93.0	90.0
	3RCR		1.3	57.0	93.4	86.0
	3R22R		1.7	20.0	100.0	
	CWO	4.5	0.8	24.0	88.9	95.8
	Overall		1.2	141.0	93.4	85.1
Washability	PPCLI	4.2	1.1	41.0	95.3	92.7
	3RCR	4.5	0.7	58.0	95.1	96.6
	3R22R	4.3	0.9	20.0	100.0	95.0
	CWO	4.7	0.5	25.0	92.6	100.0
	Overall	4.4	0.8	144.0	95.4	95.9
Dryability	PPCLI	4.1	1.1	41.0	95.3	87.8
	3RCR		1.1	58.0	95.1	87.9
	3R22R		1.3	19.0	95.0	89.5
	CWO	4.7	0.5	24.0	88.9	100.0
	Overall	4.1	1.0	142.0	94.0	90.1

SECTION B: SIZE ISSUED

	SP/CF		SP/CM		SP/SW		SP/WM		
	n	%	n	%	n	%	n	%	overall%
Height 67	8	20 0	11	19 6	2	10 5	4	16 7	18.0
Height 70	11	27 5	30	53 6	11	57 9	10	41 7	44 8
Height 73	19	47 5	14	25 0	5	26 3	7	29 2	32 4
Height 76	2	5 0	1	1 8	1	5 3	3	12 5	5 0
No Response	3		5		1		3		
Waist 30	4	10 0	7	12 3	2	10 5	1	4 2	10 0
Waist 34	27	67 5	28	49 1	12	63 2	5	20 8	51 4
Waist 38	8	20 0	19	33 3	4	21 1	17	70 8	34 3
Waist 42	1	2 5	1	1 8	1	5 3	1	4 2	2 9
Waist 46	0	0 0	2	3 5	0	0 0	0	0 0	1 4
No Response	3		4		1		3		

SECTION C: FREQUENCY OF WASHING

	SP/CF			SP/CM			SP/SW			SP/WM			Overall		
	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	36 5	21	48 8	36 3	18	29 5	35 0	1	5 0	9.5	6	22.2	23 5	46	30 5
Coin Operated	43 0	5	11 6	20 9	7	11 5	0 0	0	0 0	40 0	1	3 7	14 9	13	8 6
At Home	37 4	32	74 4	35 4	48	78 7	43 2	18	90 0	17 4	25	92 6	37.2	123	81 5
Field Laundry	3 6	15	34 9	20 0	2	3 3	10 6	7	35 0	15 0	1	3 7	4 3	25	16 6

SECTION D: FREQUENCY OF DRYING

	SP/CF			SP/CM			SP/SW			SP/WM			Overall		
	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
Air Dry	10 3	18	41 9	21.2	18	29 5	19 6	5	25 0	10 8	6	22 2	14.5	47	31 1
Hot Tumble	44 5	38	88 4	34 4	56	91 8	37 1	16	80 0	19 8	18	66.7	42 9	128	84 8
Low Tumble	7 3	3	7.0	24 0	4	6 6	38.2	5	25.0	12.8	6	22 2	10.2	18	11 9

SECTION E: FREQUENCY OF WEARING

	SP/CF			SP/CM			SP/SW			SP/WM			Overall		
	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	61.8	41	95 3	48 5	60	98 4	54.4	20	100 0	30.3	26	96 3	54 0	147	97.4
In the Field	23 4	42	97 7	18.2	58	95 1	26 3	16	80 0	4 8	12	44 4	28.5	128	84 8

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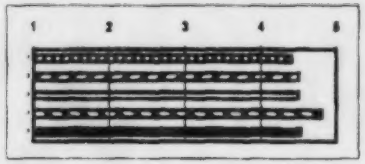
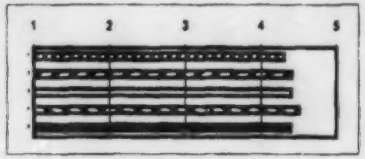
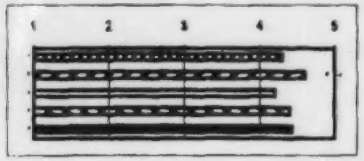
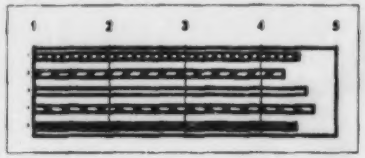
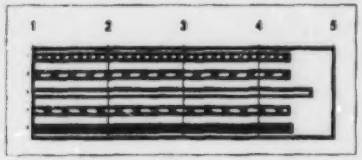
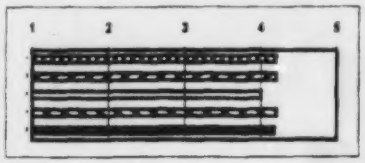
SECTION F: DESIGN CHANGES FUNCTIONALITY

Item	*Group*	*Mean*	*SD*	Mean Acceptance Rating	*n*	*%n*	*%acceptable*
Elastic strips added on the waist band	PPCLI	4.4	0.9		42.0	97.7	95.2
	3RCR	4.5	0.9		61.0	100.0	95.1
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.8	0.4		26.0	96.3	100.0
	Overall	4.5	0.8		149.0	98.7	96.6
Amount of adjustability provided by elastic strips in waist band	PPCLI	4.3	0.9		40.0	93.0	97.5
	3RCR	4.4	0.8		61.0	100.0	95.1
	3R22R	4.4	0.8		20.0	100.0	100.0
	CWO	4.5	0.6		24.0	88.9	100.0
	Overall	4.4	0.8		145.0	96.0	97.2
Nylon tooth zipper fly	PPCLI	4.3	0.8		42.0	97.7	100.0
	3RCR	4.6	0.6		61.0	100.0	98.4
	3R22R	4.2	1.1		20.0	100.0	95.0
	CWO	4.4	0.5		27.0	100.0	100.0
	Overall	4.4	0.7		150.0	99.3	98.7
Knee patch coverage increased	PPCLI	4.5	0.8		42.0	97.7	97.6
	3RCR	4.3	1.0		61.0	100.0	93.4
	3R22R	4.6	0.6		19.0	95.0	100.0
	CWO	4.7	0.5		27.0	100.0	100.0
	Overall	4.5	0.8		149.0	98.7	96.6
Side cargo pocket increased by 1/2"	PPCLI	4.4	0.9		42.0	97.7	95.2
	3RCR	4.4	1.0		61.0	100.0	95.1
	3R22R	4.7	0.6		20.0	100.0	100.0
	CWO	4.4	0.7		27.0	100.0	100.0
	Overall	4.4	0.9		150.0	99.3	96.7
Button on front slant pocket replaced with Velcro	PPCLI	4.2	1.1		42.0	97.7	88.1
	3RCR	4.2	1.2		60.0	98.4	90.0
	3R22R	[redacted]	1.3		20.0	100.0	90.0
	CWO	4.2	1.1		27.0	100.0	92.6
	Overall	4.2	1.2		149.0	98.7	89.9

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Item	Group	Mean	SD	n	%n	%acceptable
Right rear pocket removed	PPCLI		1.6	42.0	97.7	
	3RCR		1.5	61.0	100.0	
	3R22R		1.8	20.0	100.0	
	CWO		1.5	27.0	100.0	
	Overall		1.6	150.0	99.3	
Storm cuffs removed from lower legs	PPCLI		1.7	42.0	97.7	
	3RCR		1.6	61.0	100.0	
	3R22R		1.7	20.0	100.0	
	CWO		1.6	27.0	100.0	
	Overall		1.6	150.0	99.3	
Lower leg slightly tapered from knee down	PPCLI		1.2	42.0	97.7	88.1
	3RCR	4.2	1.1	61.0	100.0	91.8
	3R22R	4.3	1.1	20.0	100.0	95.0
	CWO		1.3	26.0	96.3	88.5
	Overall	4.1	1.2	149.0	98.7	90.6

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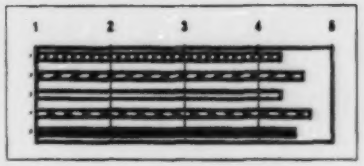
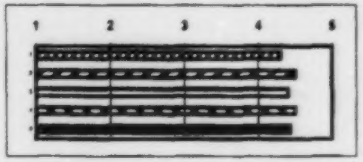
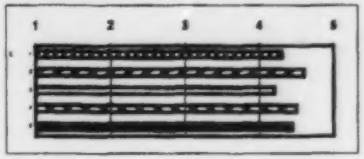
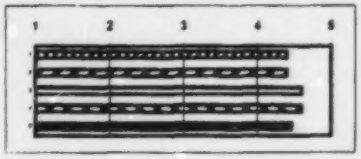
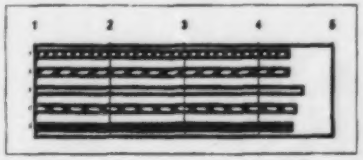
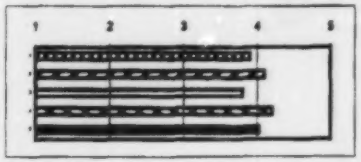
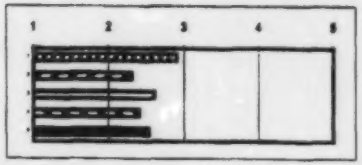
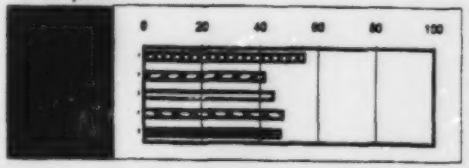
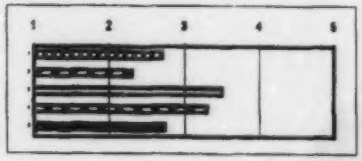
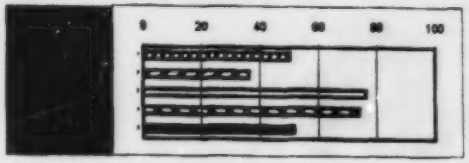
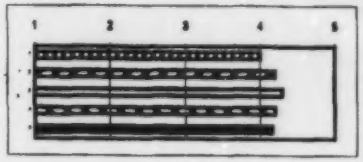
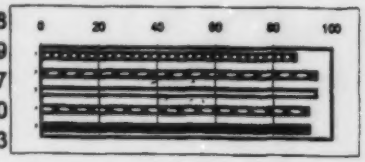
SECTION F: DESIGN CHANGES DURABILITY

Item	*Group*	*Mean*	*SD*	Mean Acceptance Rating	*n*	*%n*	*%acceptable*
Elastic strips added on the waist band	PPCLI	4.3	0.9		42.0	97.7	92.9
	3RCR	4.6	0.6		61.0	100.0	100.0
	3R22R	4.3	0.9		19.0	95.0	94.7
	CWO	4.7	0.6		25.0	92.6	100.0
	Overall	4.5	0.7		147.0	97.4	97.3
Amount of adjustability provided by elastic strips in waist band	PPCLI	4.3	0.9		40.0	93.0	95.0
	3RCR	4.5	0.6		61.0	100.0	100.0
	3R22R	4.4	0.8		20.0	100.0	100.0
	CWO	4.5	0.5		25.0	92.6	100.0
	Overall	4.4	0.7		146.0	96.7	98.6
Nylon tooth zipper fly	PPCLI	4.3	0.9		42.0	97.7	95.2
	3RCR	4.6	0.6		61.0	100.0	98.4
	3R22R	4.2	1.0		20.0	100.0	95.0
	CWO	4.5	0.5		27.0	100.0	100.0
	Overall	4.4	0.7		150.0	99.3	97.3
Knee patch coverage increased	PPCLI	4.4	0.8		42.0	97.7	97.6
	3RCR	4.4	0.8		61.0	100.0	98.4
	3R22R	4.6	0.6		19.0	95.0	100.0
	CWO	4.6	0.6		27.0	100.0	100.0
	Overall	4.5	0.7		149.0	98.7	98.7
Side cargo pocket increased by 1/2"	PPCLI	4.4	0.8		42.0	97.7	97.6
	3RCR	4.4	0.8		61.0	100.0	98.4
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.5	0.7		27.0	100.0	100.0
	Overall	4.4	0.8		150.0	99.3	98.7
Button on front slant pocket replaced with Velcro	PPCLI	[redacted]	1.2		41.0	95.3	82.9
	3RCR	4.1	1.2		60.0	98.4	88.3
	3R22R	[redacted]	1.4		19.0	95.0	84.2
	CWO	4.2	1.1		27.0	100.0	92.6
	Overall	[redacted]	1.2		147.0	97.4	87.1

Item	Group	Mean	SD		n	%n	%acceptable	
Right rear pocket removed	PPCLI		1.6		40.0	93.0		
	3RCR		1.6		58.0	95.1		
	3R22R		1.9		18.0	90.0		
	CWO		1.6		23.0	85.2		
	Overall		1.6		139.0	92.1		
Storm cuffs removed from lower legs	PPCLI		1.6		40.0	93.0		
	3RCR		1.7		58.0	95.1		
	3R22R		1.7		17.0	85.0		
	CWO		1.5		23.0	85.2		
	Overall		1.6		138.0	91.4		
Lower leg slightly tapered from knee down	PPCLI		1.2		41.0	95.3	87.8	
	3RCR	4.2	1.0		59.0	96.7	94.9	
	3R22R	4.3	1.1		19.0	95.0	94.7	
	CWO	4.2	1.1		25.0	92.6	92.0	
	Overall	4.2	1.1		144.0	95.4	92.3	

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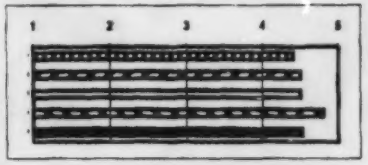
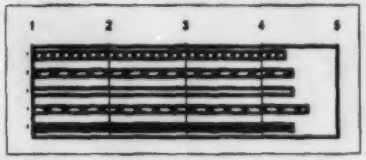
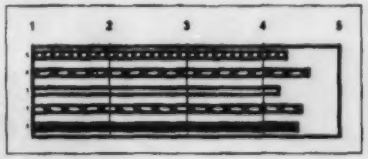
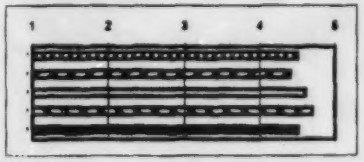
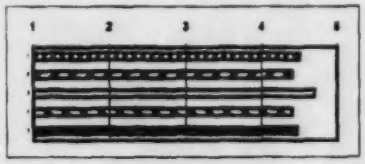
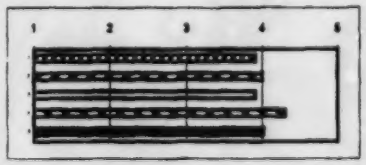
SECTION F: OVERALL ACCEPTANCE

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Elastic strips added on the waist band	PPCLI	4.4	0.9		42.0	97.7	95.2
	3RCR	4.5	0.9		61.0	100.0	95.1
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.8	0.4		26.0	96.3	100.0
	Overall	4.5	0.8		149.0	98.7	96.6
Amount of adjustability provided by elastic strips in waist band	PPCLI	4.3	0.9		41.0	95.3	97.6
	3RCR	4.4	0.8		61.0	100.0	95.1
	3R22R	4.4	0.8		20.0	100.0	100.0
	CWO	4.6	0.5		24.0	88.9	100.0
	Overall	4.4	0.8		146.0	96.7	97.3
Nylon tooth zipper fly	PPCLI	4.3	0.8		42.0	97.7	97.6
	3RCR	4.6	0.6		61.0	100.0	98.4
	3R22R	4.2	1.0		20.0	100.0	95.0
	CWO	4.5	0.5		27.0	100.0	100.0
	Overall	4.4	0.7		150.0	99.3	98.0
Knee patch coverage increased	PPCLI	4.5	0.7		43.0	100.0	97.7
	3RCR	4.4	1.0		61.0	100.0	95.1
	3R22R	4.6	0.6		19.0	95.0	100.0
	CWO	4.7	0.5		27.0	100.0	100.0
	Overall	4.5	0.8		150.0	99.3	97.3
Side cargo pocket increased by 1/2"	PPCLI	4.5	0.6		43.0	100.0	100.0
	3RCR	4.4	1.0		61.0	100.0	95.1
	3R22R	4.7	0.6		20.0	100.0	100.0
	CWO	4.4	0.7		27.0	100.0	100.0
	Overall	4.5	0.8		151.0	100.0	98.0
Button on front slant pocket replaced with Velcro	PPCLI	[redacted]	1.3		43.0	100.0	83.7
	3RCR		1.3		60.0	98.4	85.0
	3R22R		1.3		19.0	95.0	89.5
	CWO	4.3	1.1		27.0	100.0	92.6
	Overall	[redacted]	1.3		149.0	98.7	86.6

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Item	*Group*	*Mean*	*SD*	*n*	*%n*	*%acceptable*
Right rear pocket removed	PPCLI		1.7	43.0	100.0	
	3RCR		1.4	61.0	100.0	
	3R22R		1.8	19.0	95.0	
	CWO		1.5	26.0	96.3	
	Overall		1.6	149.0	98.7	
Storm cuffs removed from lower legs	PPCLI		1.7	43.0	100.0	
	3RCR		1.6	61.0	100.0	
	3R22R		1.7	19.0	95.0	
	CWO		1.6	26.0	96.3	
	Overall		1.6	149.0	98.7	
Lower leg slightly tapered from knee down	PPCLI		1.3	43.0	100.0	86.0
	3RCR		1.2	61.0	100.0	86.9
	3R22R	4.3	1.1	20.0	100.0	95.0
	CWO		1.3	26.0	96.3	88.5
	Overall		1.2	150.0	99.3	88.0

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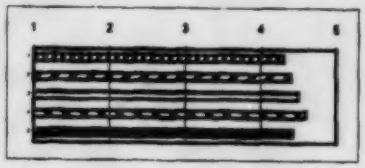
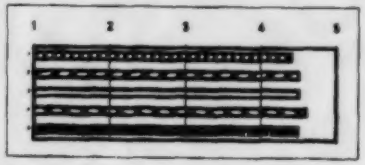
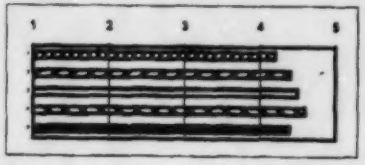
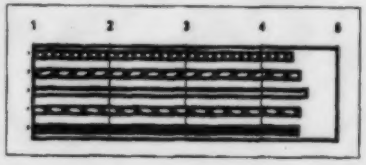
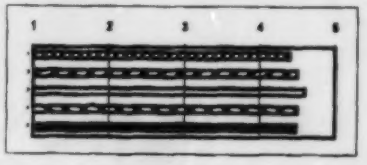
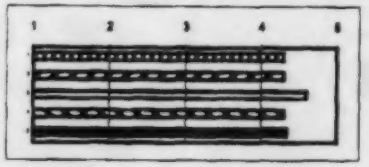
SECTION G: COMFORT

Item	*Group*	*Mean*	*SD*	Mean Acceptance Rating	*n*	*%n*	*%acceptable*
Waist	PPCLI	4.3	0.8		42.0	97.7	97.6
	3RCR	4.4	1.0		61.0	100.0	93.4
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.6	0.6		26.0	96.3	100.0
	Overall	4.4	0.8		149.0	98.7	96.6
Hips/Seat	PPCLI	4.4	0.8		42.0	97.7	97.6
	3RCR	4.5	0.7		61.0	100.0	98.4
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.6	0.5		26.0	96.3	100.0
	Overall	4.5	0.7		149.0	98.7	98.7
Rise	PPCLI	4.2	1.0		42.0	97.7	92.9
	3RCR	4.4	0.7		61.0	100.0	98.4
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.6	0.5		25.0	92.6	100.0
	Overall	4.4	0.8		148.0	98.0	97.3
Thighs	PPCLI	4.4	0.8		42.0	97.7	100.0
	3RCR	4.5	0.6		61.0	100.0	100.0
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.5	0.5		25.0	92.6	100.0
	Overall	4.5	0.7		148.0	98.0	100.0
Knees	PPCLI	4.4	0.6		42.0	97.7	100.0
	3RCR	4.5	0.6		61.0	100.0	100.0
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.5	0.6		25.0	92.6	100.0
	Overall	4.5	0.7		148.0	98.0	100.0
Calves	PPCLI	4.3	0.9		42.0	97.7	97.6
	3RCR	4.3	1.0		61.0	100.0	93.4
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.3	1.1		26.0	96.3	92.3
	Overall	4.3	0.9		149.0	98.7	95.3

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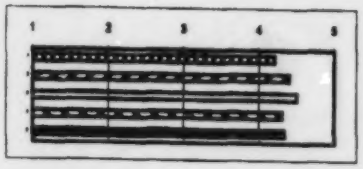
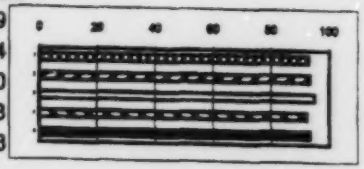
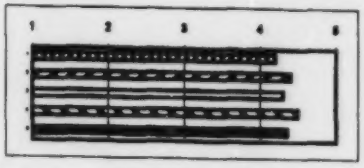
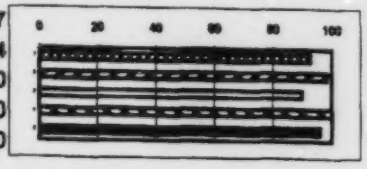
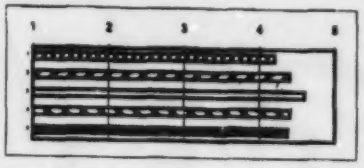
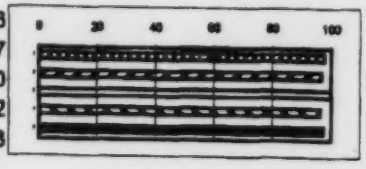
Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Ankles	PPCLI	4.2	1.1		42.0	97.7	92.9	
	3RCR	4.4	1.0		61.0	100.0	93.4	
	3R22R	4.5	1.1		20.0	100.0	95.0	
	CWO	4.3	1.1		26.0	96.3	92.3	
	Overall	4.3	1.1		149.0	98.7	93.3	
Inseam	PPCLI	4.2	1.0		41.0	95.3	92.7	
	3RCR	4.4	0.8		61.0	100.0	98.4	
	3R22R	4.3	1.2		20.0	100.0	90.0	
	CWO	4.5	0.5		26.0	96.3	100.0	
	Overall	4.3	0.9		148.0	98.0	96.0	
Overall	PPCLI	4.2	1.0		41.0	95.3	97.6	
	3RCR	4.4	0.9		61.0	100.0	98.7	
	3R22R	4.6	0.7		20.0	100.0	100.0	
	CWO	4.4	0.7		26.0	96.3	96.2	
	Overall	4.4	0.9		148.0	98.0	97.3	

SECTION G: FIT

	3FPCU		3RCR		3R22R		CWOs		
	n	%	n	%	n	%	n	%	overall%
Waist									
Too Small	0	0.0	3	4.9	1	5.6	0	0.0	2.7
OK	39	90.7	52	85.2	15	83.3	22	81.5	85.9
Too Big	4	9.3	6	9.8	2	11.1	5	18.5	11.4
No Response	0		0		2		0		
Hips/Seat									
Too Small	0	0.0	2	3.3	1	5.9	0	0.0	2.0
OK	42	97.7	56	91.8	15	88.2	25	92.6	93.2
Too Big	1	2.3	3	4.9	1	5.9	2	7.4	4.7
No Response	0		0		3		0		
Rise									
Too Small	1	2.3	2	3.3	1	5.9	0	0.0	2.7
OK	41	95.3	56	93.3	15	88.2	25	96.2	93.8
Too Big	1	2.3	2	3.3	1	5.9	1	3.8	3.4
No Response	0		1		3		1		
Thighs									
Too Small	0	0.0	0	0.0	1	5.6	0	0.0	0.7
OK	43	100.0	61	100.0	17	94.4	25	96.2	98.6
Too Big	0	0.0	0	0.0	0	0.0	1	3.8	0.7
No Response	0		0		2		1		
Knees									
Too Small	0	0.0	0	0.0	1	5.6	0	0.0	0.7
OK	43	100.0	61	100.0	17	94.4	24	92.3	98.0
Too Big	0	0.0	0	0.0	0	0.0	2	7.7	1.4
No Response	0		0		2		1		
Calves									
Too Small	1	2.3	6	9.8	1	5.6	2	7.4	6.7
OK	42	97.7	55	90.2	17	94.4	23	85.2	91.9
Too Big	0	0.0	0	0.0	0	0.0	2	7.4	1.3
No Response	0		0		2		0		
Ankles									
Too Small	3	7.0	6	9.8	1	5.6	2	7.4	8.1
OK	40	93.0	55	90.2	17	94.4	23	85.2	90.6
Too Big	0	0.0	0	0.0	0	0.0	2	7.4	1.3
No Response	0		0		2		0		
Inseam									
Too Small	2	4.7	3	4.9	2	11.1	0	0.0	4.7
OK	40	93.0	58	95.1	15	83.3	26	96.3	93.3
Too Big	1	2.3	0	0.0	1	5.6	1	3.7	2.0
No Response	0		0		2		0		
Overall									
Too Small	1	2.3	2	3.3	1	5.6	1	3.7	3.4
OK	42	97.7	58	95.1	17	94.4	25	92.6	95.3
Too Big	0	0.0	1	1.6	0	0.0	1	3.7	1.3
No Response	0		0		2		0		

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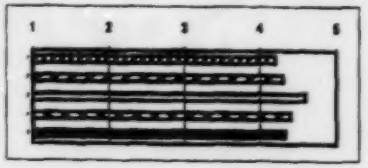
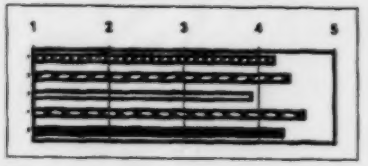
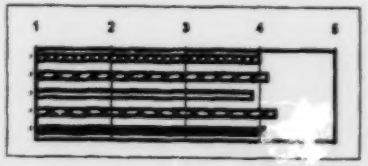
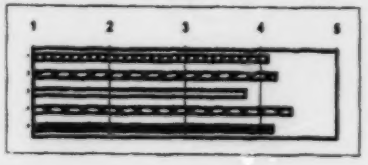
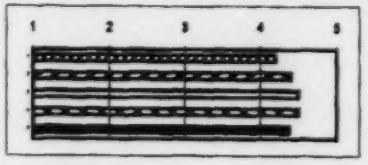
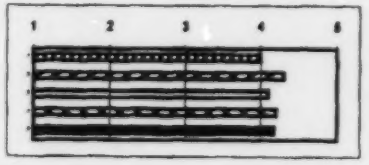
SECTION H: OVERALL RATINGS

Item	*Group*	*Mean*	*SD*	Mean Acceptance Rating	*n*	*%n*	*%acceptable*
Functionality	PPCLI	4.2	0.9		42.0	97.7	95.2
	3RCR	4.3	0.8		61.0	100.0	98.7
	3R22R	4.6	0.7		19.0	95.0	100.0
	CWO	4.4	0.7		27.0	100.0	96.3
	Overall	4.3	0.8		149.0	98.7	96.6
Care	PPCLI	4.2	0.9		42.0	97.7	92.9
	3RCR	4.4	0.6		60.0	98.4	100.0
	3R22R	[redacted]	1.3		20.0	100.0	85.0
	CWO	4.6	0.5		27.0	100.0	100.0
	Overall	4.3	0.8		149.0	98.7	96.0
Thermal Comfort	PPCLI	[redacted]	1.0		41.0	95.3	95.1
	3RCR	4.1	1.1		60.0	98.4	91.7
	3R22R	[redacted]	1.1		20.0	100.0	85.0
	CWO	4.2	0.8		26.0	96.3	96.2
	Overall	4.1	1.0		147.0	97.4	92.5
Durability	PPCLI	4.1	1.0		42.0	97.7	92.9
	3RCR	4.2	0.8		61.0	100.0	98.4
	3R22R	[redacted]	1.3		18.0	90.0	83.3
	CWO	4.4	0.7		27.0	100.0	96.3
	Overall	4.2	0.9		148.0	98.0	94.6
Donning	PPCLI	4.2	0.8		42.0	97.7	95.2
	3RCR	4.4	0.7		61.0	100.0	98.4
	3R22R	4.5	0.7		20.0	100.0	100.0
	CWO	4.5	0.6		26.0	96.3	100.0
	Overall	4.4	0.7		149.0	98.7	98.0
Clothing Compatibility	PPCLI	[redacted]	0.9		42.0	97.7	95.2
	3RCR	4.3	0.9		61.0	100.0	96.7
	3R22R	4.1	1.2		20.0	100.0	90.0
	CWO	4.2	0.9		26.0	96.3	96.2
	Overall	4.2	0.9		149.0	98.7	95.3

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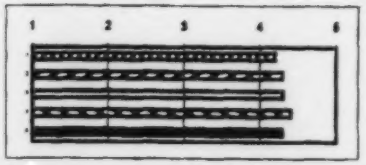
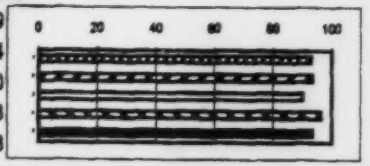
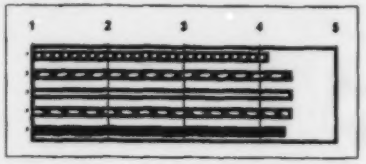
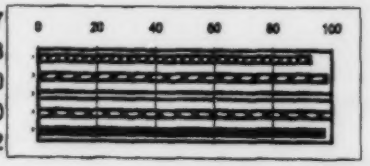
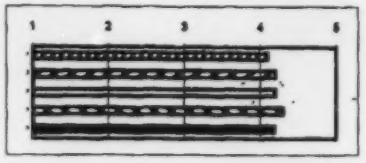
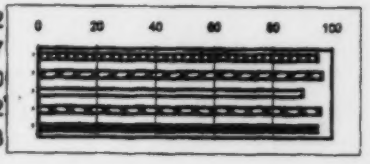
Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Appearance	PPCLI	4.2	1.0		42.0	97.7	92.9	
	3RCR	4.3	1.0		61.0	100.0	93.4	
	3R22R	4.3	1.3		20.0	100.0	90.0	
	CWO	4.4	0.8		27.0	100.0	96.3	
	Overall	4.3	1.0		150.0	99.3	93.3	
Doffing	PPCLI	4.1	1.0		41.0	95.3	92.7	
	3RCR	4.4	0.8		60.0	98.4	98.3	
	3R22R	4.4	0.7		19.0	95.0	100.0	
	CWO	4.4	0.6		24.0	88.9	100.0	
	Overall	4.3	0.8		144.0	95.4	97.2	
Overall Acceptability	PPCLI	4.1	1.0		42.0	97.7	95.2	
	3RCR	4.2	0.9		61.0	100.0	96.7	
	3R22R	4.2	1.0		20.0	100.0	90.0	
	CWO	4.3	0.8		26.0	96.3	96.2	
	Overall	4.2	0.9		149.0	98.7	95.3	

SECTION I: COMMENTS

Any noticeable differences in washing/drying/wearing CADPAT compared to in-service material?

3PPCLI

rip & spread at rip is badfade too much, rip too easy, rips gets huge easy, cloth frays
no differences
not really different
took longer to fade
no noticeable differences although OG107 material seemed to fade faster
I spent a lot of time on my knees doing mortars as well as climbing and le- -rd crawling, the knees only faded a little
no changes in laundering
overall inseam was too long, the crotch was too low and was uncomfortable for ruck marches and day wear
cadpat does not fade as fast as OG107
material does not breathe well
no noticeable differences
took longer to air dry than normal
no difference in care, wears well in field with limited washing avail, doesn't show dirt and look greasy like OG107

3RCR

no differences in washing, drying, wearing
pants were good but note I had good pants at size 38 and shrunk to about a 34, I wore in connaught ranges for 3 months, the thighs faded form constant wear in the sun
again the drying of cadpat uniform while in the field when wet took longer
trousers shrunk dramatically I found
material fades, doesn't dry with body heat, overall they are good cbts but material must change to same as old cbts
not too much fading with material
quicker drying capabilities
drying - new double paddin got groin when wet infield almost impossible to dry, result: cold when not moving
does not fit as comfortable
due to lack of size at issue, I couldn't get a 7332 and with the shrink factor, not as comfortable around the waist and buttocks,
longer to dry in field
tailoring was poorly done, had to resew crotch area, dries very slowly
no differences in laundering compared to old pants
no difference in washing, drying or wearing
tended to shrink and fade
drying time longer
cadpat trousers hold up better than old cbts
no difference in washing/drying or wearing
colour fading a lot, especially knees
just a little worn in the knee's
elastic waist band does not dry well in the field
warmer, thicker, hotter in sun
drying takes longer due to larger doubling on thighs, new cbts are hotter than old ones
no noticeable difference
addtl time req for pants to dry in field due to added knee patch, knee patch good idea but this must be considered
there was noticeable difference because of fading - too much
raised inseam causes chaffing at times
pants shrink too much and take too long to dry in field when being worn
liner extensions past the knees do not allow the cbts to dry quickly while in the field plus they chafe more

stronger dye is required so they do not fade after a lot of washing and wear
tapered leg is almost skin tight, increasing the knees does absolutely nothing, you still have to change your pants when they fade out too much, serviceable or not
trousers faded more than shirt (same number of washes)
appeared to shrink more than current material
too warm while partaking in any activities during the summer months
fit was ok but if I was to wear the pants with anything under it such as thermal underwear, it will not fit
improve dryability in field
faded normal

3R22R

The closing falls apart and breaks
Same as the shirt, the pants discolor quickly.
The pants shrink even more than the combat shirt.
The seams between the legs become unsewn very easily.
Same as the combat shirt, the pants shrink and tear easily between the legs.
The elastic stretched quit a bit in the wash.
Durability is a problem since the pants ripped between the legs and the zipper broke.
Tissue durability is okay
Same as the combat shirt, the pants shrink.
They have a tendency to fade and shrink in the wash.
The velcro on the pockets come undone easily.
The zipper has a tendency to break and the seams between the legs aren't good, I had to take them to be mended.
The pants shrunk in the wash.
The seams are not very solid compared to the old combat pants.

CWOs

Dries almost wrinkle free. Pants were initially too large at waist but shrinkage occurred on initial wash, waist fits better now. Note pants awere issued 7038 when 7036 were asked for but they now fit (no weight gain).
Takes much less time for drying - excellent!
pants dried faster than old cbt pants.
overall material from the pant seemed to wear better and was more comfortable - no section for thermal comfort,
no differences in washing, dried quicker and wears better
no elastic strips on my pants, buttons worked well for waist adjustment as opposed to belt
lower leg narrowing - I can just pull the pants up to the knee to put on socks, etc., and I have an average size calf
both materials look the same as far as washing, drying and wearing, I had to get 1 size bigger (38" for 35") waist
less wrinkles after drying, rear pocket right instead of left
wash and dries well

Additional design changes would you suggest?

3PPCLI

velcro side pockets were a great addition
put storm cuffs back, put right pocket back
don't taper the ankles
bring back dust covers and rear pockets, like velcro slant pocket
put storm cuffs back in pant leg, bring back right rear pocket
put the right rear pocket back and storm cuffs
put the dust (storm) covers back in
wouldn't change a thing
put the right rear pocket back on, put the cuffs back on, widen the lower leg
change the rear pocket to the right side
re-enforced knees could be used as pockets to insert foam padding, plain piece of material inside to write your name on clearly
bring back storm cuffs
bring back storm cuffs and right rear pocket
none
bring back storm cuffs
suggest brining back storm cuffs, even if people rip them out I believe they are good to keep stuff out of your boots
none
suggest return to front pockets as velcro makes too much noise, the stitching holding the (female) velcro pad in place began to give way, if the velcro is retained, it should be double-stitched
put the back pocket on the right side, knees could be reinforced with thicker material
keep right back pocket, keep sand trap, buttons in hip pockets, make size 32 waist
put back the storm cuffs, side pockets too big, I have small legs, velcro on all pockets would be good
both pockets on back or a right one only, buttons instead of fly zipper

3RCR

no additional changes
put rear right pocket back on pants
I think the storm cuffs should go back in to save money take out the other back pocket, who ever uses them anyways?
the tapering of the legs was horrible, boot bands should still be used, the strings in the bottom will never last
material must change to same as old cbts
most people use a right hip pocket
storm cuff not only keeps objects out of your boot in the field, keeps troops looking sharp in garrison (socks not exposed or ankles)
want rear right pocket back, want storm cuffs
bring back storm cuffs and rear right pocket
need right rear pocket, need dust covers back for field use
replace rear right pocket, wide range of sizes for short velcro rear pockets
no addt'l changes needed except you might as well get rid of the other rear pocket, I never used them for any reason
right rear pocket and storm cuffs added
put pocket on right rear, lose the velcro on side pockets
please think of putting sotrm cuffs back in
slightly bigger belt loops, sand traps added
put the storm cuff back on
storm cuffs must be put back in
req in-between sizes for waist, rear right pocket reqd, sand traps a must, double stitch cargo pockets (had to sew twice)
req a patch kit for self repairs (material)
rear right pocket is a must either have 2 pockets or no pocket, also I use the storm cuffs
bring back dust covers and right rear pocket
should bring back sand traps and right rear pocket

put pockets back in, sand traps also
again wouldn't change anything unless putting rear pocket and storm cuffs back on
needs sand traps, needs rear pocket
need ankle cuffs to protect against ticks/chiggers in harsh climate such as Louisiana
make waist fit snugger to body to prevent from sliding down, need storm cuffs on pants, need right rear pocket
replace left rear pocket with right rear (most are right-handed)
bring back storm cuffs and right rear pocket, also button front pockets
give back right rear pocket and take the left, velcro front pockets too noisy and not necessary
need storm cuffs and right rear pocket, also right front pocket was almost completely sewn in half
right rear pocket reqd, sand traps wanted back
put back right rear pocket and storm cuffs
replace right rear pocket and storm cuffs, reduce thigh material
only changes I don't like are the removal of the right rear pocket and sand traps, please put them back
change cargo pockets to style on US BDUs, cargo pockets too big, bring back storm cuffs - they're incredibly useful in the field, bring back right rear pocket
I would very strongly recommend sand traps/storm cuffs added in the pants
put right rear pocket back on, put storm cuffs back on, widen the bottom of leg
suggest retention of the storm cuffs and right rear pocket
offer a 36" waist size rather than elastic, buttons would be better for side pockets (noise)
put the storm cuffs back on the pants as they are needed in the field, need to increase breathability
make the stitching between the legs more stronger
put back right rear pocket and storm cuffs, don't taper lower leg
improve dryability in field, put right rear pocket back, shrink cargo pockets, lower knee patch coverage, get rid of velcro, you must put back the storm cuffs and don't taper the leg
faded normal, more padding on knees, storm cuffs reapplied, right rear pocket reapplied

3R22R

Revise the stitching (seams)
Same as the shirt, the velcro should be sewn opposite so the soft side is on the pocket flap.
The pant legs are too long for the size.
Would like 2 pockets in the back.
Why are the pants camouflaged since the moment it gets cold the SAVA gives us back our old colors?
I would like to have a pocket in the back on the right since I am right handed.
I would like to have a cuff at the ankles.
The cargo pocket once charged wears badly. You would need a cord coming from the pocket to the thigh to immobilise the charge when moving
Add a back right pocket and add a "sand flap" at the base of the pants.
Put back the right back pocket since there are both right and left handed people in the FAC.
Put back the cuffs at the bottom of the pants and put back the cargo pocket and smaller at the same level as before.
Keep the cuffs at the bottom of the pants, it keeps the pants from rising to the knees during walks in the forest. Most military personel use the cu
You should reintegrate the back right pocket since the majority of people are right handed.
The old right back pocket should be put back.

CWOs

like storm cuffs and used them, now tying off the cuff use elastic will have to be the norm.
Removal of right rear pocket is unacceptable, 78.3% of the world population is right handed and therefore carry wallets in that pocket
We should not remove storm cuffs from lower legs.
velcro shoulder flash - Canada Flag - corners do not stay down very well, flash and velcro aren't the same size
most soldiers carry their wallets in the velcro breast pocket anyway (comp w clothing) the wearing of the IECS fleece, and or ltwt thermal underwear are not comfortable because of the tapered legs - those are already issued items, the cadpat cbts are not - whats easier to change

no elastic strips on my pants, buttons worked well for waist adjustment as opposed to belt, replacement of front pockets by velcro is great improvement, lower leg narrowing - I can just pull the pants up to the knee to put on socks, etc., and I have an average size calf

add right rear pocket, storm cuffs are useful in an environment with blood suckers and parasites

suggest a more tapered leg

should have 2 rear pockets, replace storm cuffs, inside leg seam fraying - seam let go for no apparent reason

rear pocket right instead of left

If a pocket must be removed it should have been the left rear, the majority of people are right handed and keep their wallet in the right rear pocket

replace right rear pocket (remove left one if only one desired), replace storm cuffs

right rear pocket should be returned, storm cuffs should also be returned

right rear pocket should be replaced and storm cuffs added to bottom of trouser legs.

I personally like the storm cuffs in the legs

put storm cuffs back, do not remove right rear pocket and do not taper legs

must have storm cuffs and right rear pocket

remove velcro from front pockets, new zipper is good

should be a right rear pocket

need right rear pocket, like elastic waist, never used cuff so I didn't miss it however heard others comment that they like them.

Additional comments?

3PPCLI

overall I like the pants
good to go
no problems
good to go, wouldn't change a thing
material does not breathe well
cargo pockets ripped and snagged easily
no problems
for the most part I like them.
not very warm in cooler temps

3RCR

good overall
good
tailoring was poorly done, had to resew crotch area
overall very acceptable
overall I had no problems with these cbt trousers at all
overall good
pants are very comfortable
comfort excellent for garrison not for the field, need larger for field

3R22R

I didn't have the right size, it wasn't right at the waist or at the hips.
When I have to put on my jacket "SAVA" it looks funny.

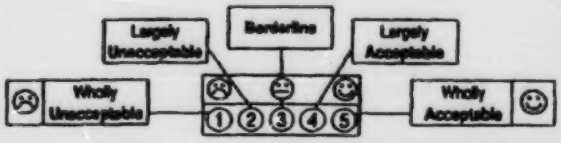
CWOs

when you look at photos of solders wearing cadpat what is the sore thumb sticking out in any of the pictures the glaring black weapons, boots, and cbt gloves
velcro shoulder flash - Canada Flag - corners do not stay down very well, flash and velcro aren't the same size
I had to get 1 size bigger (38" for 35") waist
very good

T S H R T

CADPAT T-Shirt

O Never >>>>>>>>>>	
O Less than 10 Times	
O 10 Times or More	



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O
		Odor Resistance	O O O O O		

Section B: Size Issued

O	O	O	O	O	O

Section C: Frequency of Washing

Number of times washed since issue: in garrison _____

in coin operated machines _____

at home _____

by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue: air dried _____

tumble dried (hot) _____

tumble dried (low) _____

Section E: Frequency of Wear

Number of days worn since issue: in garrison _____

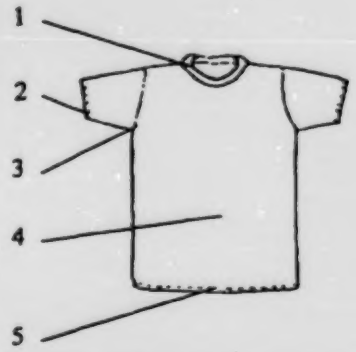
in the field _____

T S H R T

CADPAT T-Shirt

Section F: Specific Features

1. Collar	O O O O O	O O O O O
2. Arm Opening	O O O O O	O O O O O
3. All Seams	O O O O O	O O O O O
4. Material	O O O O O	O O O O O
5. Hem	O O O O O	O O O O O



Section G: Whole Item

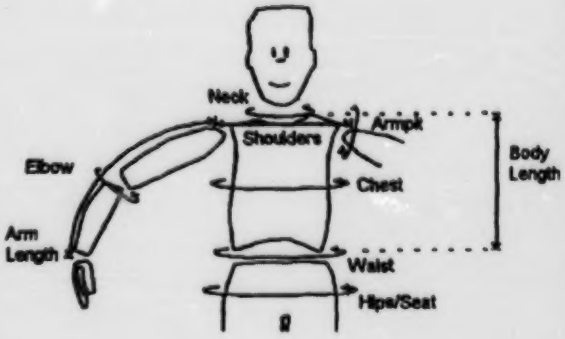
Tear Resistance	O O O O O	Fleece Top	O O O O O	Sitting	O O O O (
Wear Resistance	O O O O O	Fleece Bottoms	O O O O O	Standing	O O O O (
Snag Resistance	O O O O O	Combat Shirt	O O O O O	Crawling	O O O O (
Stitching	O O O O O	Combat Trousers	O O O O O	Marching	O O O O (
Shrink Resistance	O O O O O	Ltwt. Thermal Undershirt	O O O O O	Running	O O O O (
Stain Resistance	O O O O O	Ltwt. Thermal Drawers	O O O O O	Digging	O O O O (
Odour Resistance	O O O O O	NBC IPE	O O O O O	Climbing	O O O O (
Repairability	O O O O O			Lying Prone	O O O O (
		Cold Weather	O O O O O	Crouching	O O O O (
Thermal Comfort	O O O O O	Cool Weather	O O O O O	Neck Bending	O O O O (
Thermal Protection	O O O O O	Warm Weather	O O O O O	Trunk Bending	O O O O (
Breathability	O O O O O	Hot Weather	O O O O O	Throwing	O O O O (
Sweat Removal	O O O O O	Rain	O O O O O	Reaching	O O O O (
Dryability from sweat	O O O O O	Wind	O O O O O		O O O O (
Weight	O O O O O	Dust	O O O O O		O O O O (
Ease of Movement	O O O O O		O O O O O		O O O O (
			O O O O O		O O O O (
Put On	O O O O O		O O O O O		O O O O (
Take Off	O O O O O		O O O O O		O O O O (

T S H R T

CADPAT T-Shirt

Section H: Comfort and Fit

Neck	O	O	O	O	O	O	O
Shoulders	O	O	O	O	O	O	O
Armpits	O	O	O	O	O	O	O
Upper Arms	O	O	O	O	O	O	O
Chest	O	O	O	O	O	O	O
Waist	O	O	O	O	O	O	O
Hips/Seat	O	O	O	O	O	O	O
Body Length	O	O	O	O	O	O	O
Overall	O	O	O	O	O	O	O



Section I: Overall Ratings

	O	O	O	O	O		O	O	O	O	O
	O	O	O	O	O		O	O	O	O	O

Section J: Material Preference

Indicate the strength of your preference for the following types of materials.

Poly-Cotton Material (e.g. in-service t-shirt)	O	O	O	O	O	O	O	Coolmax (e.g. CADPAT User Trial T-shirt)

T S H R T

CADPAT T-Shirt

Section K: Comments (use back of sheet if required)

Please comment on the following points:

- Were there any noticeable differences in washing, drying or wearing of the CADPAT combat T-shirt compared to the in-service (OG107) material?
- What design changes to the combat T-shirt would you suggest?
- Additional comments?

CADPAT T-Shirt

TIMES GARMENT WORN

	3PPCLI		3RCR		3R22R		CWOs		
	n	%	n	%	n	%	n	%	overall%
never	3	7.0	0	0.0	0	0.0	2	7.4	3.3
less than 10 times	4	9.3	16	26.2	2	10.0	3	11.1	16.6
10 times or more	35	81.4	45	73.8	18	90.0	22	81.5	79.5
no response	1	2.3	0	0.0	0	0.0	0	0.0	0.7

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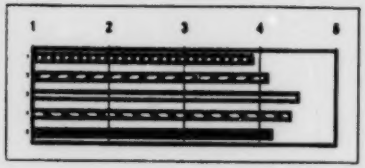
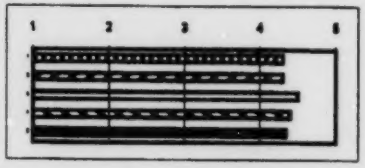
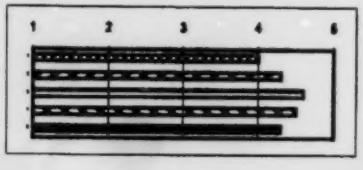
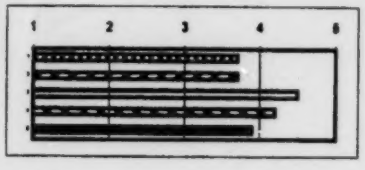
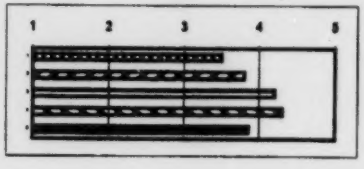
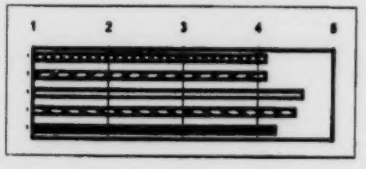
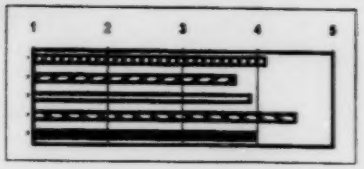
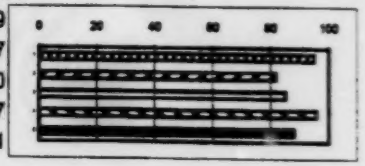
SECTION A: MATERIAL

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Colour Fading	PPCLI	[redacted]	1.1		39.0	97.5	89.7
	3RCR	4.1	0.9		60.0	98.4	95.0
	3R22R	4.5	0.9		20.0	100.0	95.0
	CWO	4.4	0.6		25.0	100.0	100.0
	Overall	4.2	0.9		144.0	98.6	94.4
Colour Bleeding	PPCLI	4.3	0.9		39.0	97.5	97.4
	3RCR	4.3	0.9		60.0	98.4	96.7
	3R22R	4.5	0.9		19.0	95.0	94.7
	CWO	4.4	0.7		24.0	96.0	100.0
	Overall	4.3	0.9		142.0	97.3	97.2
Stain Resistance	PPCLI	[redacted]	0.9		38.0	95.0	97.4
	3RCR	4.3	0.8		59.0	96.7	98.3
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.5	0.7		24.0	96.0	100.0
	Overall	4.3	0.8		141.0	96.6	98.6
Shrink Resistance	PPCLI	[redacted]	1.2		39.0	97.5	89.7
	3RCR	[redacted]	1.3		60.0	98.4	80.0
	3R22R	4.5	1.1		20.0	100.0	95.0
	CWO	4.2	1.0		24.0	96.0	95.8
	Overall	[redacted]	1.2		143.0	97.9	87.4
Odor Resistance	PPCLI	[redacted]	1.1		39.0	97.5	82.1
	3RCR	[redacted]	1.1		59.0	96.7	91.5
	3R22R	4.2	1.1		20.0	100.0	95.0
	CWO	4.3	1.0		23.0	92.0	95.7
	Overall	[redacted]	1.1		141.0	96.6	90.1
Washability	PPCLI	4.1	0.9		39.0	97.5	94.9
	3RCR	4.1	0.9		60.0	98.4	93.3
	3R22R	4.6	0.7		20.0	100.0	100.0
	CWO	4.5	0.7		24.0	96.0	100.0
	Overall	4.2	0.8		143.0	97.9	95.8

Item	*Group*	*Mean*	*SD*	*n*	*%n*	*%acceptable*
Dryability	PPCLI	4.1	0.9	39.0	97.5	94.9
	3RCR	[redacted]	1.3	60.0	98.4	81.7
	3R22R	[redacted]	1.4	20.0	100.0	85.0
	CWO	4.5	0.9	23.0	92.0	95.7
	Overall	[redacted]	1.1	142.0	97.3	88.1





SECTION B: SIZE ISSUED

	SPTOLI		3/4CR		3RZZR		CWOs		
	n	%	n	%	n	%	n	%	overall%
X-Small	0	0.0	0	0.0	0	0.0	0	0 0	0 0
Small	0	0.0	2	3.3	1	5.3	0	0 0	2 1
Medium	10	25.6	12	20.0	4	21.1	2	9 1	19.3
Large	21	53.8	25	41.7	9	47.4	10	45 5	44.8
X-Large	8	20.5	20	33.3	5	26 3	9	40.9	29 0
XX-Large	0	0 0	1	1.7	0	0 0	1	4 5	1.4
No Response	1		1		1		3		

SECTION C: FREQUENCY OF WASHING

	SPTOLI			3/4CR			3RZZR			CWOs			Overall		
	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	31.4	20	50.0	21.6	19	31.1	2 0	1	5.0	11 2	6	24 0	24.1	46 0	31.5
Coin Operated	52.0	4	10 0	13.3	6	9.8	0.0	0	0 0	25 0	3	12.0	27 9	13 0	8 9
At Home	30.9	30	75.0	23.1	46	75.4	38.8	19	95.0	17 8	20	80 0	26 8	115.0	78.8
Field Laundry	4.0	9	22.5	0.0	0	0.0	4.8	5	25 0	15 0	1	4 0	4.9	15 0	10.3

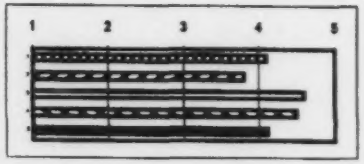
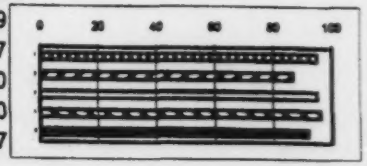
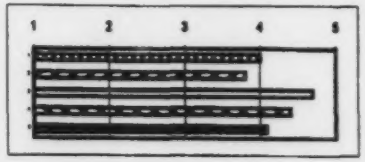
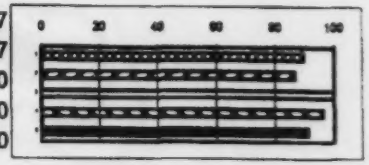
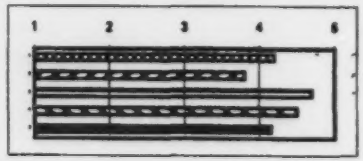
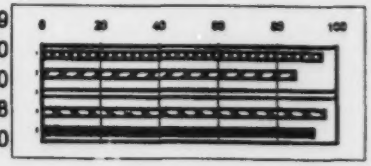
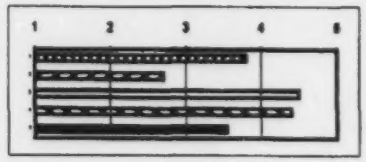
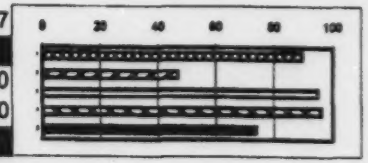
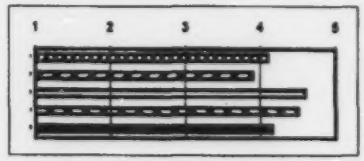
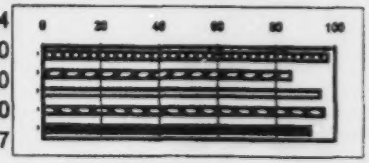
SECTION D: FREQUENCY OF DRYING

	SPTOLI			3/4CR			3RZZR			CWOs			Overall		
	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
Air Dry	8.1	18	45.0	17.8	16	26.2	12 8	5	25.0	12.2	6	24 0	12 8	45 0	30 8
Hot Tumble	37.5	34	85 0	21.2	55	90 2	31 3	16	80.0	18 8	19	76 0	26 8	124.0	84 9
Low Tumble	5.8	4	10 0	10.4	5	8.2	48.8	4	20 0	10 2	5	20.0	17.9	18 0	12.3

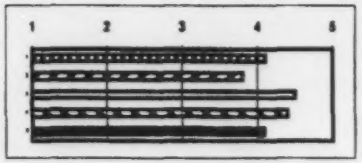
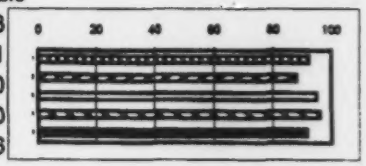
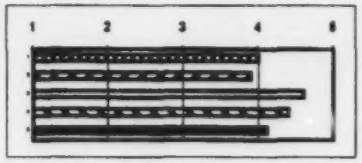
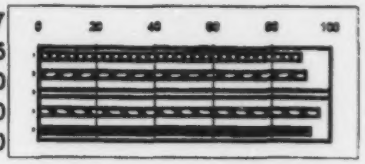
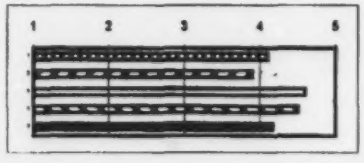
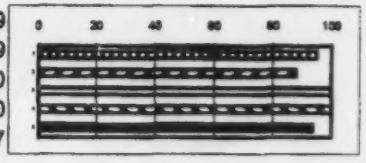
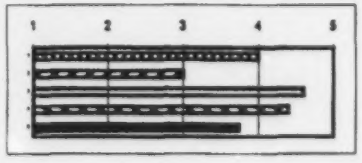
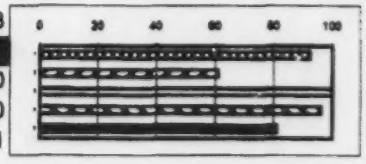
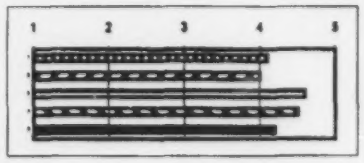
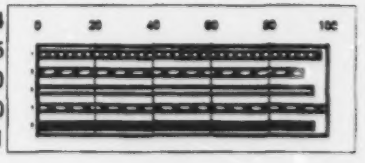
SECTION E: FREQUENCY OF WEARING

	SPTOLI			3/4CR			3RZZR			CWOs			Overall		
	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	50.1	38	95.0	29 7	60	98 4	44 8	20	100.0	25.4	25	100.0	36.4	143 0	97.9
In the Field	18 4	34	85.0	13.0	43	70.5	27.9	14	70.0	4 7	11	44.0	16 0	102.0	69.9

SECTION F: SPECIFIC FEATURES - FUNCTIONALITY

Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Collar	PPCLI	4.1	1.0		39.0	97.5	94.9	
	3RCR	[redacted]	1.3		60.0	98.4	86.7	
	3R22R	4.6	1.0		20.0	100.0	95.0	
	CWO	4.5	0.9		25.0	100.0	96.0	
	Overall	4.1	1.1		144.0	98.6	91.7	
Arm Opening	PPCLI	[redacted]	1.2		39.0	97.5	89.7	
	3RCR	[redacted]	1.2		60.0	98.4	86.7	
	3R22R	4.7	0.7		20.0	100.0	100.0	
	CWO	4.4	0.9		25.0	100.0	96.0	
	Overall	4.1	1.1		144.0	98.6	91.0	
All Seams	PPCLI	4.2	1.0		39.0	97.5	94.9	
	3RCR	[redacted]	1.3		60.0	98.4	86.0	
	3R22R	4.7	0.7		20.0	100.0	100.0	
	CWO	4.5	0.7		24.0	96.0	95.8	
	Overall	4.2	1.0		143.0	97.9	92.0	
Material	PPCLI	[redacted]	1.1		39.0	97.5	89.7	
	3RCR	[redacted]	1.6		60.0	98.4	[redacted]	
	3R22R	4.5	0.9		20.0	100.0	95.0	
	CWO	4.4	1.0		25.0	100.0	96.0	
	Overall	[redacted]	1.3		144.0	98.6	[redacted]	
Hem	PPCLI	4.1	0.9		39.0	97.5	97.4	
	3RCR	[redacted]	1.2		60.0	98.4	85.0	
	3R22R	4.6	0.8		20.0	100.0	95.0	
	CWO	4.5	0.7		25.0	100.0	96.0	
	Overall	4.2	1.0		144.0	98.6	91.7	

SECTION F: SPECIFIC FEATURES - DURABILITY

Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Collar	PPCLI	4.1	1.1		39.0	97.5	92.3	
	3RCR	[redacted]	1.2		59.0	96.7	88.1	
	3R22R	4.5	1.0		20.0	100.0	95.0	
	CWO	4.4	1.0		25.0	100.0	96.0	
	Overall	4.1	1.1		143.0	97.9	91.6	
Arm Opening	PPCLI	[redacted]	1.2		39.0	97.5	89.7	
	3RCR	[redacted]	1.1		59.0	96.7	91.5	
	3R22R	4.6	0.7		20.0	100.0	100.0	
	CWO	4.4	1.0		25.0	100.0	96.0	
	Overall	4.1	1.1		143.0	97.9	93.0	
All Seams	PPCLI	4.1	1.0		39.0	97.5	94.9	
	3RCR	[redacted]	1.2		58.0	95.1	87.9	
	3R22R	4.6	0.7		20.0	100.0	100.0	
	CWO	4.5	0.7		25.0	100.0	100.0	
	Overall	4.2	1.0		142.0	97.3	93.7	
Material	PPCLI	[redacted]	1.1		39.0	97.5	92.3	
	3RCR	[redacted]	1.6		59.0	96.7	[redacted]	
	3R22R	4.6	0.7		20.0	100.0	100.0	
	CWO	4.4	1.0		25.0	100.0	96.0	
	Overall	[redacted]	1.2		143.0	97.9	81.1	
Hem	PPCLI	4.1	0.9		39.0	97.5	97.4	
	3RCR	[redacted]	1.1		59.0	96.7	91.5	
	3R22R	4.6	0.8		20.0	100.0	95.0	
	CWO	4.5	0.7		25.0	100.0	100.0	
	Overall	4.2	0.9		143.0	97.9	95.1	

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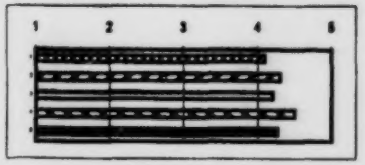
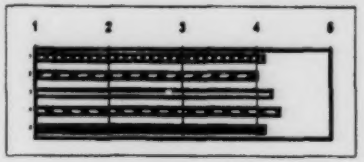
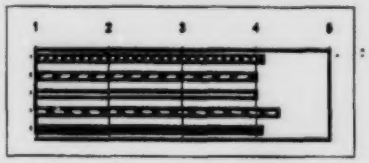
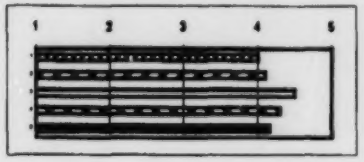
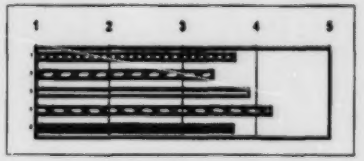
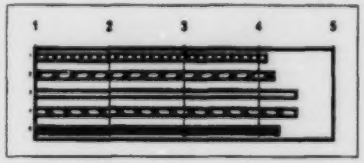
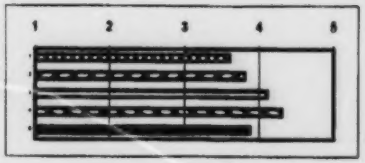
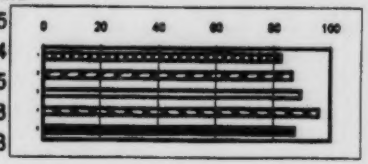
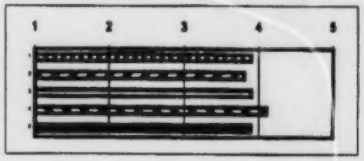
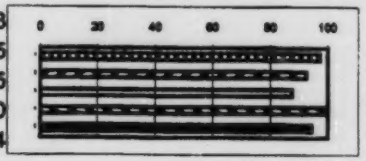
SECTION G: WHOLE ITEM - DURABILITY

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Tear Resistance	PPCLI	4.1	0.8		40.0	100.0	97.5
	3RCR	4.3	0.8		60.0	98.4	98.3
	3R22R	4.2	1.0		20.0	100.0	90.0
	CWO	4.5	0.6		24.0	96.0	100.0
	Overall	4.3	0.8		144.0	98.6	97.2
Wear Resistance	PPCLI	4.1	1.0		40.0	100.0	95.0
	3RCR	[redacted]	0.9		60.0	98.4	93.3
	3R22R	4.2	1.0		20.0	100.0	90.0
	CWO	4.3	0.9		24.0	96.0	95.8
	Overall	4.1	0.9		144.0	98.6	93.7
Snag Resistance	PPCLI	4.1	0.9		40.0	100.0	95.0
	3RCR	[redacted]	1.0		60.0	98.4	93.3
	3R22R	4.0	1.1		20.0	100.0	90.0
	CWO	4.3	0.8		23.0	92.0	100.0
	Overall	4.1	1.0		143.0	97.9	94.4
Stitching	PPCLI	[redacted]	0.8		40.0	100.0	95.0
	3RCR	4.1	1.0		60.0	98.4	95.0
	3R22R	4.5	0.9		20.0	100.0	95.0
	CWO	4.3	0.8		24.0	96.0	95.8
	Overall	4.2	0.9		144.0	98.6	95.1
Shrink Resistance	PPCLI	[redacted]	1.2		40.0	100.0	90.0
	3RCR	[redacted]	1.4		60.0	98.4	[redacted]
	3R22R	3.9	1.5		19.0	95.0	84.2
	CWO	4.2	1.0		24.0	96.0	91.7
	Overall	[redacted]	1.3		143.0	97.9	83.2
Stain Resistance	PPCLI	4.1	0.8		39.0	97.5	100.0
	3RCR	4.2	0.9		60.0	98.4	96.7
	3R22R	4.5	0.8		19.0	95.0	94.7
	CWO	4.5	0.5		24.0	96.0	100.0
	Overall	4.3	0.8		142.0	97.3	97.9

Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Odour Resistance	PPCLI		1.2		40.0	100.0	82.5	
	3RCR		1.1		59.0	96.7	86.4	
	3R22R	4.1	1.1		19.0	95.0	89.5	
	CWO	4.3	0.9		24.0	96.0	95.8	
	Overall		1.1		142.0	97.3	87.3	
Repairability	PPCLI		0.9		37.0	92.5	97.3	
	3RCR		1.0		53.0	86.9	92.5	
	3R22R		1.3		16.0	80.0	87.5	
	CWO	4.1	0.8		19.0	76.0	100.0	
	Overall		1.0		125.0	85.6	94.4	

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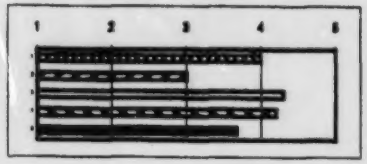
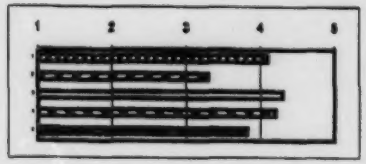
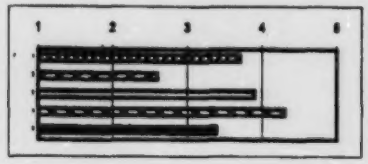
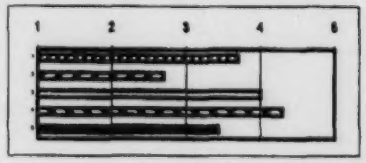
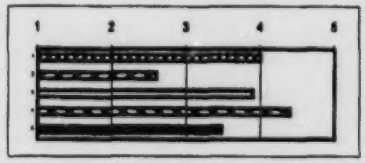
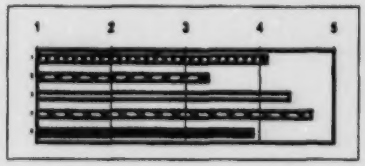
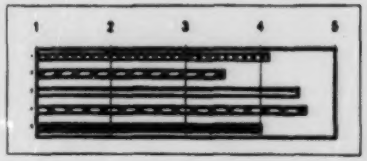
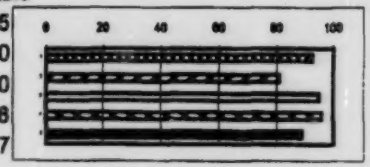
SECTION G: WHOLE ITEM - T-SHIRT

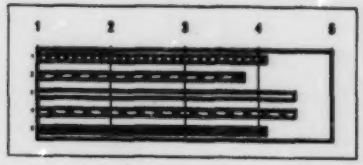
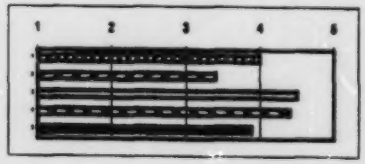
Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Thermal Comfort	PPCLI	[redacted]	1.0		39.0	97.5	89.7
	3RCR		1.4		56.0	91.8	[redacted]
	3R22R	4.3	0.8		19.0	95.0	100.0
	CWO	4.2	0.9		24.0	96.0	95.8
	Overall	[redacted]	1.1		138.0	94.5	83.3
Thermal Protection	PPCLI	4.1	0.9		38.0	95.0	94.7
	3RCR	[redacted]	1.5		56.0	91.8	[redacted]
	3R22R	4.3	0.8		20.0	100.0	100.0
	CWO	4.2	0.8		24.0	96.0	95.8
	Overall	[redacted]	1.1		138.0	94.5	86.2
Breathability	PPCLI	[redacted]	1.1		40.0	100.0	85.0
	3RCR		1.4		58.0	95.1	[redacted]
	3R22R		1.2		20.0	100.0	85.0
	CWO	4.3	1.0		24.0	96.0	95.8
	Overall	[redacted]	1.2		142.0	97.3	[redacted]
Sweat Removal	PPCLI	[redacted]	1.1		40.0	100.0	87.5
	3RCR		1.5		58.0	95.1	[redacted]
	3R22R		0.9		20.0	100.0	95.0
	CWO	4.3	0.8		23.0	92.0	95.7
	Overall	[redacted]	1.2		141.0	96.6	[redacted]
Dryability from Sweat	PPCLI	[redacted]	0.9		40.0	100.0	92.5
	3RCR		1.4		58.0	95.1	[redacted]
	3R22R		1.1		20.0	100.0	95.0
	CWO	4.4	0.8		23.0	92.0	95.7
	Overall	[redacted]	1.1		141.0	96.6	[redacted]
Weight	PPCLI	4.1	0.9		40.0	100.0	92.5
	3RCR	[redacted]	1.3		58.0	95.1	[redacted]
	3R22R	4.4	0.9		20.0	100.0	95.0
	CWO	4.7	0.6		23.0	92.0	100.0
	Overall	[redacted]	1.0		141.0	96.6	86.5

Item	Group	Mean	SD	n	%n	%acceptable
Ease of Movement	PPCLI	4.1	1.0	40.0	100.0	92.5
	3RCR	[redacted]	1.3	58.0	95.1	81.0
	3R22R	4.5	0.9	20.0	100.0	95.0
	CWO	4.6	0.9	24.0	96.0	95.8
	Overall	[redacted]	1.1	142.0	97.3	88.7





SECTION G: WHOLE ITEM - ADJUSTABILITY

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Put On	PPCLI	4.1	0.9		34.0	85.0	97.1
	3RCR	[redacted]	1.2		59.0	96.7	88.1
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.5	0.9		23.0	92.0	95.7
	Overall	4.1	1.0		136.0	93.2	93.4
Take Off	PPCLI	[redacted]	1.0		34.0	85.0	94.1
	3RCR	[redacted]	1.4		59.0	96.7	[redacted]
	3R22R	4.5	0.8		20.0	100.0	100.0
	CWO	4.4	0.9		23.0	92.0	95.7
	Overall	[redacted]	1.1		136.0	93.2	86.0

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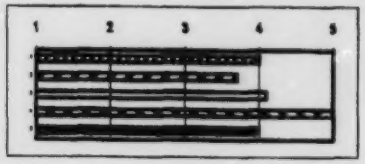
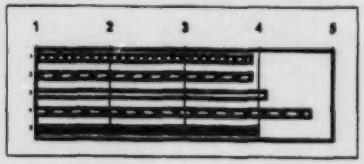
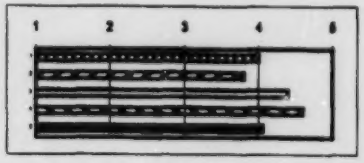
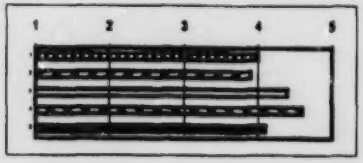
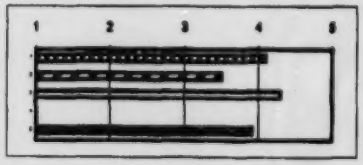
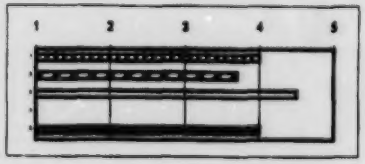
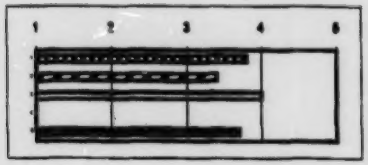
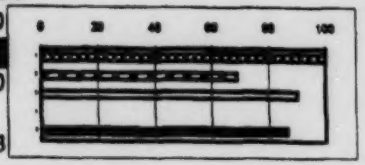
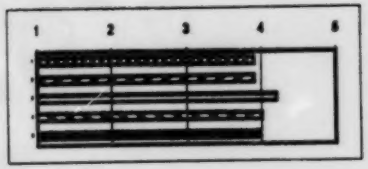
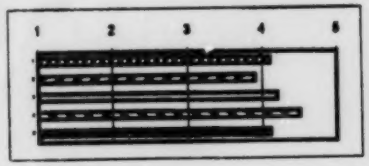
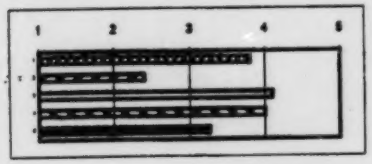
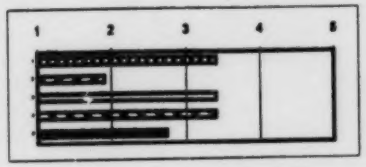
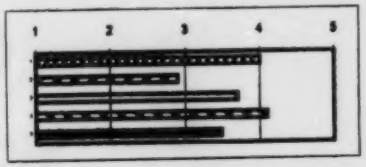
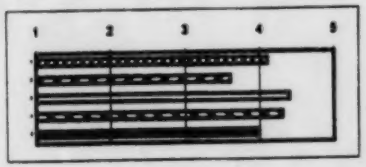
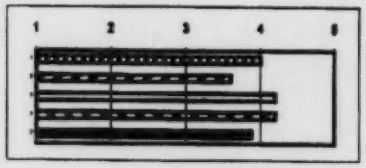
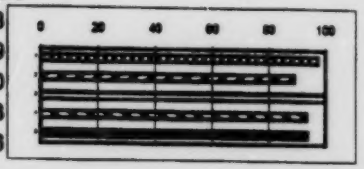
SECTION G: WHOLE ITEM - COMPATIBILITY

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Fleece Top	PPCLI	[redacted]	1.0		26.0	65.0	92.3
	3RCR	[redacted]	1.4		27.0	44.3	85.2
	3R22R	4.1	1.2		15.0	75.0	93.3
	CWO	5.0	0.0		3.0	12.0	100.0
	Overall	[redacted]	1.2		71.0	48.6	90.1
Fleece Bottoms	PPCLI	[redacted]	0.9		25.0	62.5	96.0
	3RCR	[redacted]	1.3		26.0	42.6	88.5
	3R22R	4.1	1.2		15.0	75.0	93.3
	CWO	4.7	0.6		3.0	12.0	100.0
	Overall	[redacted]	1.1		69.0	47.3	92.8
Combat Shirt	PPCLI	[redacted]	0.8		35.0	87.5	100.0
	3RCR	[redacted]	1.3		54.0	88.5	85.2
	3R22R	4.4	0.9		19.0	95.0	94.7
	CWO	4.6	0.5		17.0	68.0	100.0
	Overall	4.1	1.0		125.0	85.6	92.8
Combat Trousers	PPCLI	[redacted]	0.9		35.0	87.5	97.1
	3RCR	[redacted]	1.2		54.0	88.5	87.0
	3R22R	4.4	0.9		19.0	95.0	94.7
	CWO	4.6	0.5		17.0	68.0	100.0
	Overall	4.1	1.0		125.0	85.6	92.8
Ltwt Thermal Undershirt	PPCLI	4.1	0.8		24.0	60.0	100.0
	3RCR	[redacted]	1.6		22.0	36.1	[redacted]
	3R22R	4.3	0.8		12.0	60.0	100.0
	CWO				0.0		
	Overall	[redacted]	1.1		58.0	39.7	89.6
Ltwt Thermal Drawers	PPCLI	[redacted]	0.8		24.0	60.0	100.0
	3RCR	[redacted]	1.4		19.0	31.1	84.2
	3R22R	4.5	0.7		11.0	55.0	100.0
	CWO				0.0		
	Overall	[redacted]	1.0		54.0	37.0	94.4

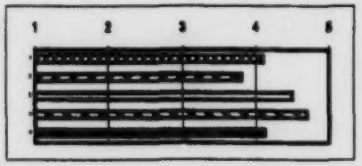
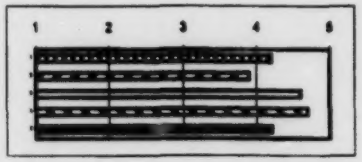
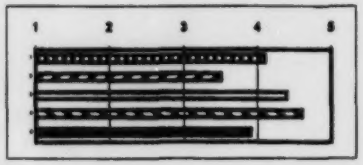
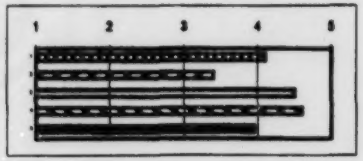
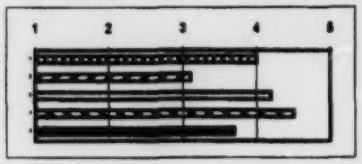
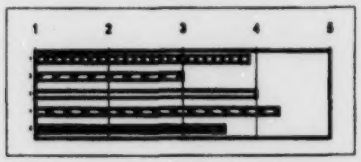
Item	Group	Mean	SD		n	%n	%acceptable	
NBC IPE	PPCLI		0.8		18.0	45.0	100.0	
	3RCR		1.5		16.0	26.2		
	3R22R		1.1		10.0	50.0	90.0	
	CWO				0.0			
	Overall		1.1		44.0	30.1	88.3	

SECTION G: WHOLE ITEM - SUITABILITY FOR...

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Cold Weather	PPCLI		0.8		34.0	85.0	97.1
	3RCR		1.2		40.0	85.6	85.0
	3R22R	4.2	1.0		17.0	85.0	94.1
	CWO		1.1		14.0	56.0	85.7
	Overall		1.0		105.0	71.9	90.5
Cool Weather	PPCLI	4.1	0.8		36.0	90.0	100.0
	3RCR		1.1		45.0	73.8	88.9
	3R22R	4.2	0.9		19.0	95.0	100.0
	CWO	4.5	0.7		20.0	80.0	100.0
	Overall	4.1	0.9		120.0	82.2	95.8
Warm Weather	PPCLI		1.1		37.0	92.5	89.2
	3RCR		1.3		58.0	95.1	
	3R22R	4.1	0.9		19.0	95.0	100.0
	CWO		0.9		19.0	76.0	94.7
	Overall		1.1		133.0	91.1	
Hot Weather	PPCLI		1.3		37.0	92.5	
	3RCR		1.2		59.0	96.7	
	3R22R		1.5		19.0	95.0	
	CWO		1.4		18.0	72.0	
	Overall		1.3		133.0	91.1	
Rain	PPCLI		0.9		37.0	92.5	94.6
	3RCR		1.3		58.0	95.1	
	3R22R		1.4		19.0	95.0	
	CWO	4.1	0.9		17.0	66.0	94.1
	Overall		1.1		131.0	89.7	
Wind	PPCLI	4.1	0.9		37.0	92.5	94.6
	3RCR		1.2		56.0	91.8	89.3
	3R22R	4.4	0.8		19.0	95.0	100.0
	CWO	4.3	0.8		18.0	72.0	94.4
	Overall		1.0		130.0	89.0	93.1

Item	Group	Mean	SD		n	%n	%acceptable	
Dust	PPCLI	[redacted]	0.9		37.0	92.5	97.3	
	3RCR		1.2		54.0	88.5	88.9	
	3R22R	4.2	0.9		19.0	95.0	100.0	
	CWO	4.2	0.9		15.0	60.0	93.3	
	Overall	[redacted]	1.0		125.0	85.6	93.6	

SECTION G: WHOLE ITEM - ACTIVITIES

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Sitting	PPCLI	4.1	0.9		40.0	100.0	95.0
	3RCR	[redacted]	1.2		60.0	98.4	85.0
	3R22R	4.5	0.7		20.0	100.0	100.0
	CWO	4.7	0.5		21.0	84.0	100.0
	Overall	4.1	0.9		141.0	96.6	92.2
Standing	PPCLI	4.2	0.9		40.0	100.0	97.5
	3RCR	[redacted]	1.2		60.0	98.4	88.3
	3R22R	4.6	0.6		20.0	100.0	100.0
	CWO	4.7	0.5		21.0	84.0	100.0
	Overall	4.2	0.9		141.0	96.6	94.3
Crawling	PPCLI	4.1	1.0		40.0	100.0	92.5
	3RCR	[redacted]	1.3		57.0	93.4	[redacted]
	3R22R	4.4	0.7		20.0	100.0	100.0
	CWO	4.6	0.8		7.0	28.0	100.0
	Overall	[redacted]	1.1		124.0	84.9	87.9
Marching	PPCLI	4.1	1.0		40.0	100.0	92.5
	3RCR	[redacted]	1.4		58.0	91.8	[redacted]
	3R22R	4.5	0.7		20.0	100.0	100.0
	CWO	4.6	0.5		20.0	80.0	100.0
	Overall	[redacted]	1.0		136.0	93.2	89.0
Running	PPCLI	[redacted]	1.1		40.0	100.0	92.5
	3RCR	[redacted]	1.5		53.0	86.9	[redacted]
	3R22R	4.2	1.0		20.0	100.0	95.0
	CWO	4.5	0.7		12.0	48.0	100.0
	Overall	[redacted]	1.2		125.0	85.6	81.6
Digging	PPCLI	[redacted]	1.1		39.0	97.5	87.2
	3RCR	[redacted]	1.4		43.0	70.5	[redacted]
	3R22R	[redacted]	1.2		20.0	100.0	90.0
	CWO	4.3	0.5		4.0	16.0	100.0
	Overall	[redacted]	1.2		106.0	72.6	[redacted]

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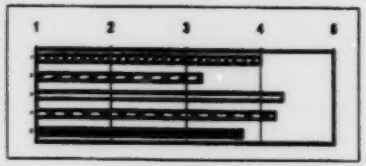
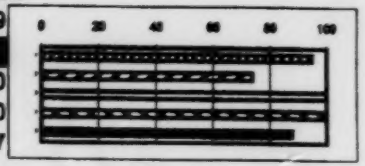
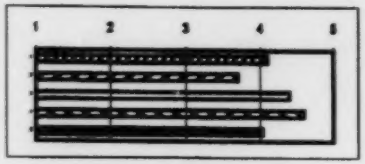
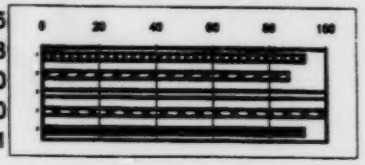
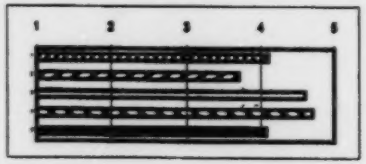
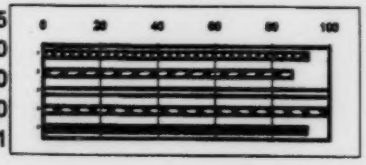
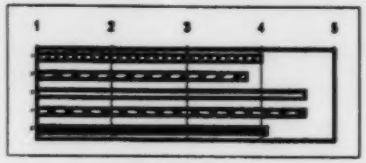
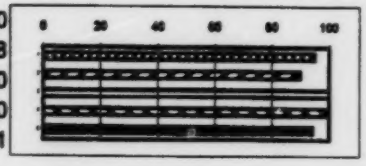
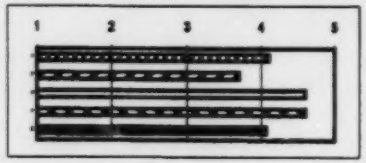
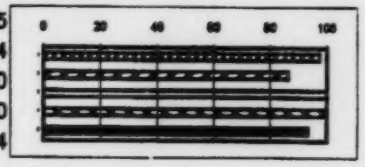
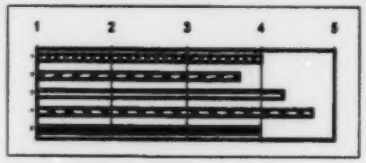
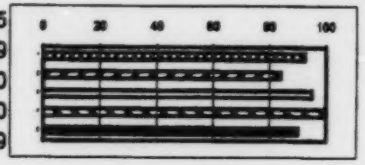
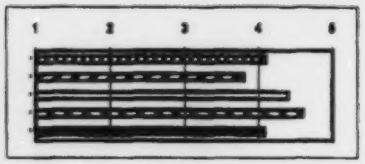
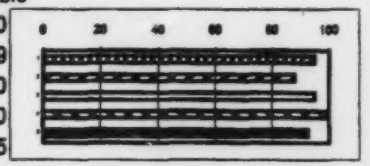
Item	Group	Mean	SD		n	%n	%acceptable	
Climbing	PPCLI	[redacted]	1.0		39.0	97.5	94.9	
	3RCR	[redacted]	1.4		42.0	68.9	[redacted]	
	3R22R	4.3	0.8		20.0	100.0	100.0	
	CWO	4.2	0.8		5.0	20.0	100.0	
	Overall	[redacted]	1.1		106.0	72.6	87.7	
Lying Prone	PPCLI	4.1	1.0		40.0	100.0	92.5	
	3RCR	[redacted]	1.2		53.0	86.9	86.8	
	3R22R	4.4	0.7		20.0	100.0	100.0	
	CWO	4.6	0.5		13.0	52.0	100.0	
	Overall	[redacted]	1.0		126.0	86.3	92.1	
Crouching	PPCLI	4.1	1.1		40.0	100.0	92.5	
	3RCR	[redacted]	1.1		54.0	88.5	87.0	
	3R22R	4.6	0.6		20.0	100.0	100.0	
	CWO	4.7	0.5		13.0	52.0	100.0	
	Overall	4.1	1.0		127.0	87.0	92.1	
Neck Bending	PPCLI	[redacted]	1.0		40.0	100.0	95.0	
	3RCR	[redacted]	1.1		59.0	96.7	89.8	
	3R22R	4.6	0.6		20.0	100.0	100.0	
	CWO	4.6	0.5		17.0	68.0	100.0	
	Overall	4.1	0.9		136.0	93.2	94.1	
Trunk Bending	PPCLI	4.1	0.9		40.0	100.0	97.5	
	3RCR	[redacted]	1.2		59.0	96.7	86.4	
	3R22R	4.6	0.6		20.0	100.0	100.0	
	CWO	4.6	0.5		17.0	68.0	100.0	
	Overall	4.1	0.9		136.0	93.2	93.4	
Throwing	PPCLI	[redacted]	1.0		40.0	100.0	92.5	
	3RCR	[redacted]	1.2		56.0	91.8	83.9	
	3R22R	4.3	1.0		20.0	100.0	95.0	
	CWO	4.7	0.5		13.0	52.0	100.0	
	Overall	[redacted]	1.0		129.0	88.4	89.9	

Item	Group	Mean	SD	n	%n	%acceptable
Reaching	PPCLI	4.1	0.9	40.0	100.0	95.0
	3RCR	[redacted]	1.2	58.0	95.1	87.9
	3R22R	4.4	1.0	20.0	100.0	95.0
	CWO	4.6	0.5	16.0	64.0	100.0
	Overall	4.1	1.0	134.0	91.8	92.5





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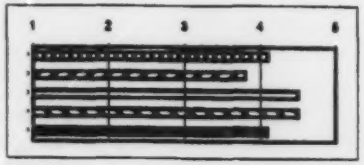
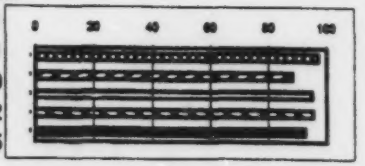
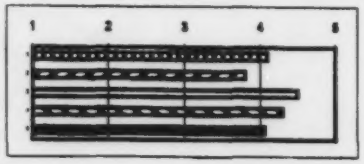
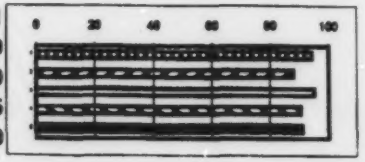
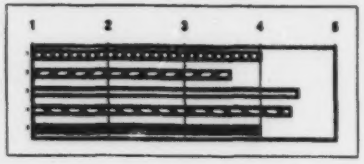
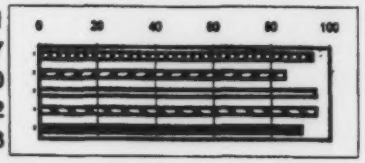
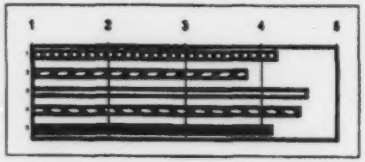
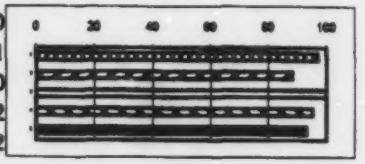
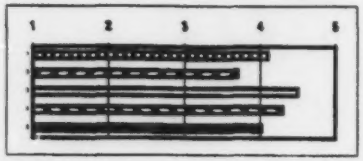
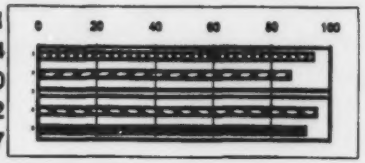
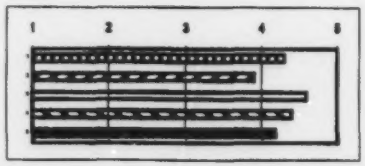
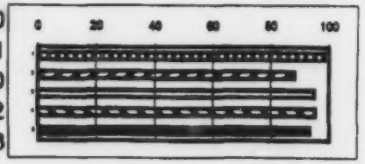
SECTION H: COMFORT

Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Neck	PPCLI	4.1	0.9		34.0	85.0	97.1	
	3RCR	[redacted]	1.2		59.0	96.7	88.1	
	3R22R	4.5	1.0		20.0	100.0	95.0	
	CWO	4.5	0.9		21.0	84.0	95.2	
	Overall	4.1	1.0		134.0	91.8	92.5	
Shoulders	PPCLI	4.1	1.0		34.0	85.0	94.1	
	3RCR	[redacted]	1.2		58.0	95.1	87.9	
	3R22R	4.5	0.8		20.0	100.0	95.0	
	CWO	4.3	1.1		21.0	84.0	90.5	
	Overall	4.1	1.1		133.0	91.1	91.0	
Armpits	PPCLI	[redacted]	1.0		34.0	85.0	94.1	
	3RCR	[redacted]	1.3		59.0	96.7	84.7	
	3R22R	4.5	0.8		20.0	100.0	95.0	
	CWO	4.4	1.0		21.0	84.0	95.2	
	Overall	[redacted]	1.1		134.0	91.8	90.3	
Upper Arms	PPCLI	4.2	0.8		33.0	82.5	97.0	
	3RCR	[redacted]	1.2		59.0	96.7	88.1	
	3R22R	4.6	0.7		20.0	100.0	100.0	
	CWO	4.5	1.0		21.0	84.0	95.2	
	Overall	4.1	1.0		133.0	91.1	93.2	
Chest	PPCLI	4.1	0.9		34.0	85.0	94.1	
	3RCR	[redacted]	1.2		59.0	96.7	86.4	
	3R22R	4.5	0.7		19.0	95.0	100.0	
	CWO	4.3	1.1		21.0	84.0	95.2	
	Overall	[redacted]	1.0		133.0	91.1	91.7	
Waist	PPCLI	4.3	0.7		34.0	85.0	100.0	
	3RCR	[redacted]	1.2		59.0	96.7	88.1	
	3R22R	4.6	0.8		20.0	100.0	95.0	
	CWO	4.4	1.0		21.0	84.0	95.2	
	Overall	4.2	1.0		134.0	91.8	93.3	

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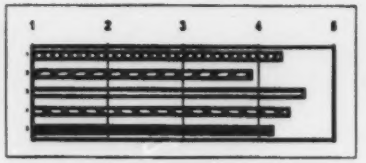
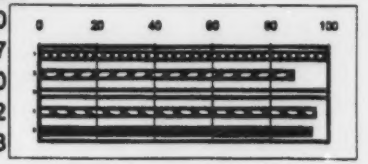
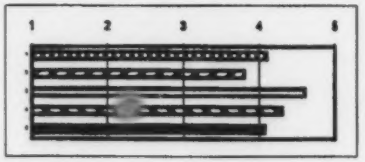
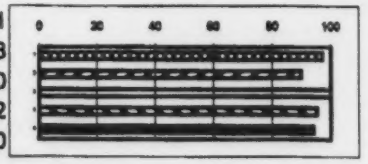
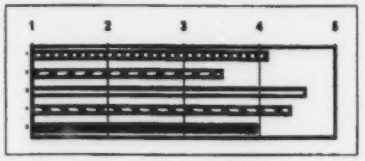
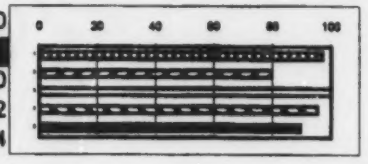
Item	*Group*	*Mean*	*SD*		*n*	*%n*	*%acceptable*	
Hips/Seat	PPCLI	4.3	0.7		33.0	82.5	100.0	
	3RCR	[redacted]	1.2		57.0	93.4	87.7	
	3R22R	4.6	0.7		19.0	95.0	100.0	
	CWO	4.4	1.0		21.0	84.0	95.2	
	Overall	4.2	1.0		130.0	89.0	93.8	
Body Length	PPCLI	4.1	0.8		34.0	85.0	97.1	
	3RCR	[redacted]	1.2		59.0	96.7	89.8	
	3R22R	4.6	0.7		19.0	95.0	100.0	
	CWO	4.3	1.0		21.0	84.0	95.2	
	Overall	4.1	1.0		133.0	91.1	94.0	
Overall	PPCLI	4.1	0.8		33.0	82.5	97.0	
	3RCR	[redacted]	1.4		59.0	96.7	[redacted]	
	3R22R	4.6	0.7		19.0	95.0	100.0	
	CWO	4.4	1.0		21.0	84.0	95.2	
	Overall	[redacted]	1.1		132.0	90.4	89.4	

SECTION H: FIT

	3FPCL		3RCR		3R22R		CWOs		
	n	%	n	%	n	%	n	%	overall%
Neck									
Too Small	2	5.7	7	11.9	1	5.0	1	5.0	8.2
OK	32	91.4	52	88.1	18	90.0	19	95.0	90.3
Too Big	1	2.9	0	0.0	1	5.0	0	0.0	1.5
No Response	5		2		0		5		
Shoulders									
Too Small	5	14.3	9	15.3	1	5.0	3	15.0	13.4
OK	30	85.7	50	84.7	18	90.0	17	85.0	85.8
Too Big	0	0.0	0	0.0	1	5.0	0	0.0	0.7
No Response	5		2		0		5		
Armpits									
Too Small	5	14.3	14	23.7	1	5.0	2	10.0	16.4
OK	30	85.7	45	[redacted]	18	90.0	18	90.0	82.8
Too Big	0	0.0	0	0.0	1	5.0	0	0.0	0.7
No Response	5		2		0		5		
Upper Arms									
Too Small	4	11.4	8	13.6	1	5.0	1	5.0	10.4
OK	31	88.6	51	86.4	18	90.0	19	95.0	88.8
Too Big	0	0.0	0	0.0	1	5.0	0	0.0	0.7
No Response	5		2		0		5		
Chest									
Too Small	5	14.3	10	16.9	1	5.0	3	15.0	14.2
OK	30	85.7	49	83.1	18	90.0	17	85.0	85.1
Too Big	0	0.0	0	0.0	1	5.0	0	0.0	0.7
No Response	5		2		0		5		
Waist									
Too Small	1	2.9	4	6.8	0	0.0	2	10.0	5.2
OK	34	97.1	54	91.5	19	95.0	18	90.0	93.3
Too Big	0	0.0	1	1.7	1	5.0	0	0.0	1.5
No Response	5		2		0		5		
Hips/Seat									
Too Small	2	5.7	2	3.4	0	0.0	1	5.0	3.7
OK	33	94.3	57	96.6	18	90.0	19	95.0	94.8
Too Big	0	0.0	0	0.0	1	5.0	0	0.0	0.7
No Response	5		2		1		5		
Body Length									
Too Small	4	11.4	7	11.9	0	0.0	0	0.0	8.2
OK	31	88.6	50	84.7	18	90.0	18	90.0	87.3
Too Big	0	0.0	2	3.4	1	5.0	2	10.0	3.7
No Response	5		2		1		5		
Overall									
Too Small	5	14.3	7	11.9	0	0.0	2	10.0	10.4
OK	30	85.7	52	88.1	18	90.0	18	90.0	88.1
Too Big	0	0.0	0	0.0	1	5.0	0	0.0	0.7
No Response	5		2		1		5		

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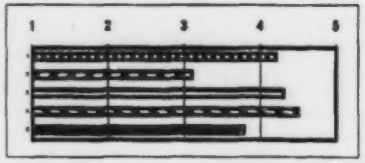
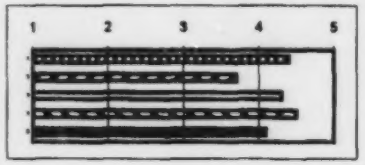
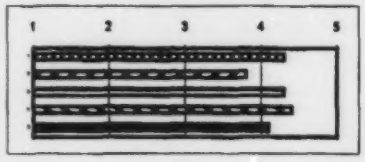
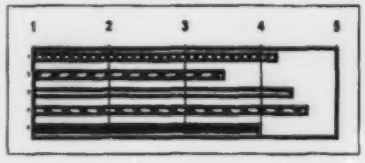
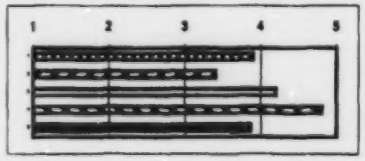
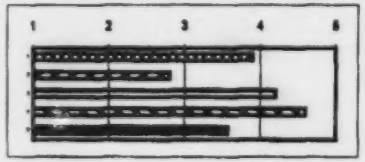
SECTION I: OVERALL RATINGS

Item	Group	Mean	SD	Mean Acceptance Rating	n	%n	%acceptable
Functionality	PPCLI	4.2	0.6		34.0	85.0	100.0
	3RCR	[redacted]	1.4		59.0	98.7	[redacted]
	3R22R	4.3	1.0		20.0	100.0	90.0
	CWO	4.5	0.9		21.0	84.0	95.2
	Overall	[redacted]	1.1		134.0	91.8	82.8
Care	PPCLI	4.4	0.5		34.0	85.0	100.0
	3RCR	[redacted]	1.1		59.0	98.7	86.4
	3R22R	4.3	1.1		20.0	100.0	90.0
	CWO	4.5	0.9		21.0	84.0	95.2
	Overall	4.1	0.9		134.0	91.8	91.8
Durability	PPCLI	4.3	0.6		34.0	85.0	100.0
	3RCR	[redacted]	1.0		59.0	98.7	88.1
	3R22R	4.3	1.1		20.0	100.0	90.0
	CWO	4.4	1.0		21.0	84.0	95.2
	Overall	4.1	0.9		134.0	91.8	92.5
Clothing Compatibility	PPCLI	4.2	0.8		34.0	85.0	97.1
	3RCR	[redacted]	1.2		59.0	98.7	81.4
	3R22R	4.4	1.0		20.0	100.0	90.0
	CWO	4.6	0.6		21.0	84.0	100.0
	Overall	[redacted]	1.0		134.0	91.8	89.6
Appearance	PPCLI	[redacted]	1.1		34.0	85.0	91.2
	3RCR	[redacted]	1.4		59.0	98.7	[redacted]
	3R22R	4.2	1.4		20.0	100.0	85.0
	CWO	4.8	0.4		21.0	84.0	100.0
	Overall	[redacted]	1.2		134.0	91.8	84.3
Overall Acceptability	PPCLI	[redacted]	0.9		34.0	85.0	94.1
	3RCR	[redacted]	1.5		59.0	98.7	[redacted]
	3R22R	4.2	1.2		20.0	100.0	90.0
	CWO	4.6	0.9		21.0	84.0	95.2
	Overall	[redacted]	1.2		134.0	91.8	[redacted]

SECTION K: COMMENTS

Any noticeable differences in washing/drying/wearing CADPAT compared to in-service material?

3PPCLI

A lot of shrinking when wet hard to remove
they are very shrinkable, hotter than old shirt
a lot more static when you put it through dryer, drys quicker than old cotton t
the shirt shrank and wouldn't stretch back out
lots of static when worn
arms too small, inseam too small, tight on the armpits, had to cut arms off to wear comfortably
fine until it shrunk and it did shrink a large amount, most soldiers are not going to or do not have the time to worry about laundry and any specials needs it requires
no difference in washing the shirt still stunk after washing
new material generally hotter to wear, does not seem to breathe as much, becomes and holds smell quickly
tshirt washed well, like it very much for active wear, in garrison though, probably any old shirt would do
it is really good to keep the sweat off of you
material did not shrink or fade as much, better fit, wrt body length than old ones and did not ride up as much under strenuous conditions, could still be slightly longer though, fit was a little snug around the waist, was colder in windy conditions than old t-shirt
sleeves seemed to fit too tight especially after the first three or four washes in comparison to overall fit, shirt dried quicker than the inservice material
too heavy of a material, also I do not like the pattern compared to the pattern of combat shirt/pants
shrunk when washed, material pilled easily, lots of static, retained odor, was hotter than cotton

3RCR

wore u-neck with cadpat uniform, found very compatible
heavy when wet, takes too long to dry, sweat doesn't get out
tshirt wears well but too hot and when wet takes too long to dry, most personnel went to old tshirt for this reason
took longer to dry but did pull the sweat from your body, the shirt was ok if you were standing around but once you started moving you sweated a great deal, did not like t-shirt for summer may be good for winter though
cadpat t-shirt was very well built, strong and reliable, it was too hot though
only worn few times due to warm weather and found that the tshirt was too hot in summertime, wore other tshirt with these cbts
there were no noticeable differences I thought it was fine
hot dry shrank item, I received lg tshirt maybe should have received xlg which would have fit good
better drying capabilities
great while on the move or doing activity but stationary very hot in warm climates
I really did not like the t-shirt, I found it had a significant shrink factor that after sweating became difficult to get off, caused painful chaffing around the nipples and armpits
longer to dry when wet, heavy when wet, hotter to wear, keeps sweat in
found that sweat stayed on body, cotton t-shirt appears to absorb sweat better
no differences noticed in laundering, didn't feel comfortable with t-shirt, found it constricting and bit itchy, I like the old cotton OD better
t-shirt was very uncomfortable in hot weather
washed very well, much better than in service t-shirt
does not dry very well, keeps heat in, too hot for spring/summer weather
tended to develop dryer wear (material balls) after only a few washes
prefer the old t-shirt as this one in garrison is too hot
prefer old cotton t, these do not collect sweat, sweat runs down your back and collects around your waist line, don't dry as quick
cadpat shrunk a little when wash/dry, go back to poly-cotton
does not have same pattern as vest or uniform, material not breathable, ugly, terrible combat t-shirt, heavy when wet, doesn't dry, sweat doesn't disperse
shrunk, very tight compared to same size poly-cotton, too tight to get off when saturated in sweat, would prefer a poly-cotton shirt

as it seems to be overall cooler
when its wet it sticks to your body, too hot
shirt took far too long to dry from sweat
wearing og107 was more comfortable, breathable, drying etc.
I hated this tshirt it was too small, held a lot of odour, was very hot in summer, shrank in the wash, I like cotton shirts a lot better
does not dry well in field, too hot, sticks to you when wet
took longer to dry and was very warm in field, not so thick, could be better
just too hot to wear in warm/hot weather, prefer a u-neck tshirt to one without
dries quicker, make shirt larger overall
really warm in summer in comparison to nike dry-max system, coolmax tshirt falls short
no comparison to nike drymax, coolmax is just too warm in the summer
don't like this shirt period, too hot for everyday use takes too long to dry out from sweating, get rid of it
too hot and uncomfortable, shrinkage was a max!
too hot in hot climatic conditions, did not like pattern on shirt, too shiny - should be og in colour but did like the comfort of the shirt
new tshirt sucks, sleeves are too tight, too hot, stinks however it would be good with long sleeves and used in cool-cold weather
tshirts are horrible, they shrunk, were hot, ugly and uncomfortable, I only wore mine a few times, olive green tshirts are excellent if you want the disruptive pattern on tshirts, use the old material'
tshirt is horrible, too hot, when you sweat it sticks to your body and the damn thing shrunk
I found that it was warmer in hot temperatures
I think I should have had a larger tshirt, I liked the shirt after many washings the material started to feel uncomfortable
shrinks less than current tshirt, material/design too tight and much too warm during summer
cadpat tshirt was finicky to wash, material rapidly broke down, a more ready-wear fabric with wicking properties
coolmax shirt is a good idea but with the thicker cbt shirt it is totally incompatible, in order for coolmax to wick sweat away and do its job it needs airflow, which is not provded by the cbt shirt, if the cbt shirt was made breathable, I would find the coolmax shirt completely acceptable
coolmax is too hot, sweat too much, I own a coolmax tshirt from nike and the cadpat shirt can not compare, stay with inservice one
cadpat tshirt destroys after 20x wearing, suggest we use the old green tshirt and don't change coolmax
too hot - sitting, standing, all tasks

3R22R

keeps its color well.
The material of the new shirt is okay.
The new t-shirt holds the odor even after a wash.
The shirt pills after several uses.

CWOs

This T-shirt shrunk on initial wash (large to medium). Washing and drying to wrinkle free condition is excellent.
get better sizing and you might get better results - I cannot comment on compatibility or activities because after 10 washes the shirt shrunk so much I couldn't wear it, except for a couple of days and then it was cutting me under the arms
no differences in washing, quicker to dry, wears better (better fitting, hanging)
no noticeable difference, after two washes the stitches gave up at the hem, once repaired they never became loose again
Sizes could be bit bigger, very comfortable, noticed significant different in sweat management, tshirt always felt dry and comfortable whereas the cotton tshirt always looked and felt wet, cadpat tshirt is very static-y, lots of sparks at night.
really liked the t-shirt and the material it is made of
breathes well, does not retain sweat, far superior to poly-cotton, rank slip on visibility ok for field, it will be difficult to determine in garrison
neck does not seem to wear as well as the poly cotton material

Additional design changes would you suggest?

3PPCLI

issued a L t-shirt but certain dimensions seem too small for size of shirt, ie Shoulders and chest should be made roomier if possible
t-shirt: make neck tigher like inservice shirt, widen chest, armpits dig in
pocket on front
no changes
design changes: I found this t-shirt worked well when the temp was cooler but when it was hot outside the t-shirt combined with the CADPAT shirt and pants was too warm. I like the fact that it wicks moisture away from the body but in summer it acts too much like polyprophele.
make the shirt longer
arms too small, inseam too small, tight on the armpits, had to cut arms off to wear comfortably
no changes should be made
could still be slightly longer though, fit was a little snug around the waist
if it costs more for cam pattern, recommend return to OD green (cam pattern not necessary on t-shirts)
keep t-shirt in olive
too heavy of a material, also I do not like the pattern compared to the pattern of combat shirt/pants
make material lighter, arms/armpits larger, body longer, make in OD/khaki

3RCR

it could use some more room in the armpits
better material, easier to work with, more comfortable
no design changes at this time
go back to poly-cotton
does not have same pattern as vest or uniform, material not breathable, ugly, terrible combat t-shirt
would prefer a poly-cotton shirt as it seems to be overall cooler
try a different material because the cadpat tshirt material is horrible
we should use tshirt that we have now, just have them in cadpat colour
would not change anything
length of shirt has to be shortened, retains heat
prefer a u-neck tshirt to one without
due to a tasking to atc mesford, I was not allowed to wear the cadpat combats from may-sept, overall good combats, but a little warm, t-shirt should be issued in solid colours (green, black or brown)
did not like pattern on shirt, too shiny - should be og in colour but did like the comfort of the shirt
material/design too tight and much too warm during summer
material rapidly broke down, a more ready-wear fabric with wicking properties
coolmax shirt is a good idea but with the thicker cbt shirt it is totally incompatible, in order for coolmax to wick sweat away and do its job it needs airflow, which is not provded by the cbt shirt, if the cbt shirt was made breathable, I would find the coolmax shirt completely acceptable
no changes, the cbt pattern for field is excellent over the old
suggest we use the old green tshirt and don't change coolmax

3R22R

No changes need to be made
The collar should be a "V" neck since after several washes the collar shrinks and becomes very uncomfortable.

CWOs

appears to be narrow at shoulders and them like a stove pipe straight down - recommend a little broader at top
Eventually it might be a good idea to have a turtle neck with the same material.
try a blend with a little cotton in it, keep the cadpat design
very well, maybe the same tshirt but a little lighter weight if possible would improve for summer wear, sizing seems way off, I wear my tshirt very loose therefore I took an XL - its not bery big around the chest but is way too long (below the

seat), the sleeves as well as very long and would often stick out the rolled up sleeves of the cbt shirt

no changes

sleeves could be shortened slightly

I wouldn't change it at all

Additional comments?

3PPCLI

excellent
no probe at all with new gear, keep 84 pattern ruck, keep gortex coming, all cold weather clothing changes are extremely welcome
comfortable, cadpat for a t-shirt is ridiculous and looks like a hollywood idea, make the t in olive drab or brown, my troops did no t want to wear it because of the colours
cadpat smells, ugly - better in green nothing wrong with the ones we have, we look like 3rd world army
it is really good to keep the sweat off of you
if it costs more for cam pattern, recommend return to OD green (cam pattern not necessary on t-shirts)
keep t-shirt in olive
shirt works well by removing sweat from the body during cold temp to prevent hypothermia and other illnesses, I like it a lot

3RCR

waste of money, static when taking it off
better material, easier to work with, more comfortable
t-shirt was very uncomfortable is hot weather
prefer the old t-shirt as this one in garrison is too hot
prefer old cotton t, these do not collect sweat, sweat runs down your back and collects around your waist line
we should use tshirt that we have now, just have them in cadpat colour
this was a cheap knock-off of coolmax, my own civy pattern coolmax is far superior, so what is this stuff? It was too hot, did not wick sweat away and was generally unsuitable in any kind of activity
really warm in summer in comparison to nike dry-max system, coolmax tshirt falls short
no comparison to nike drymax, coolmax is just too warm in the summer
coolmax shirt is a good idea but with the thicker cbt shirt it is totally incompatible, in order for coolmax to wick sweat away and do its job it needs airflow, which is not provded by the cbt shirt, if the cbt shirt was made breathable, I would find the coolmax shirt completely acceptable
no changes, the cbt pattern for field is excellent over the old

3R22R

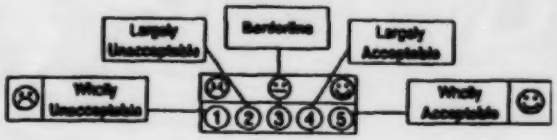
It is difficult to put the shirt through a proper trial when only 1 shirt is provided to each member.
Too hot for the summer
A bit too hot for the summer but can be endured.
Once we start to sweat in the summer it becomes too hot but the rest is excellent.
In general the t-shirt is too used and in the summer it is too hot. Many times the old t-shirt was put under the other shirt.
The shirt is difficult to remove when wet and the colors aren't the same as on the combat (more bright).
The shirt is comfortable but is inefficient in the heat. It is also ugly. The new combat shirt looks better with the old green shirt.
In my opinion the old t-shirt is better for the work I do, however I know there is a difference in the work that is done by others

CWOs

Overall good, colour and wears well.
Very good T-shirt, some questions didn't answer because I would prefer to let the soldiers from the field to answer.
Cadpat is made of better material and has a lot better fit.
excellent piece of kit
both a long and short sleeve version would be good
excellent shirt
pretty good
excellent t-shirt

CADPAT Wide Brimmed Combat Hat

○ Never >>>>>>>>>>	
○ Less than 10 Times	
○ 10 Times or More	



Section A: Material

Colour Fading	○ ○ ○ ○ ○	Stain Resistance	○ ○ ○ ○ ○	Washability	○ ○ ○ ○ ○
Colour Bleeding	○ ○ ○ ○ ○	Shrink Resistance	○ ○ ○ ○ ○	Dryability	○ ○ ○ ○ ○

Section B: Size Issued

6 ½	6 ⅝	6 ¾	6 ⅞	7	7 ⅛	7 ¼	7 ⅜	7 ½	7 ⅝	7 ¾	7 ⅞
○	○	○	○	○	○	○	○	○	○	○	○

Section C: Frequency of Washing

Number of times washed since issue: in garrison _____

in coin operated machines _____

at home _____

by field laundry _____

Section D: Frequency of Drying

Number of times dried since issue: air dried_____

tumble dried (hot) _____

tumble dried (low) _____

Section E: Frequency of Wear

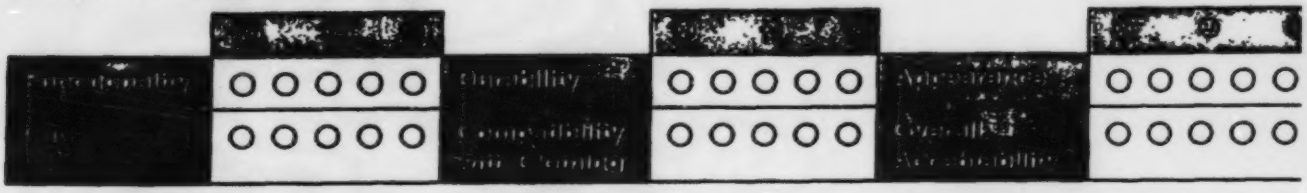
Number of days worn since issue: in garrison _____

in the field _____

CBTHAT

CADPAT Wide Brimmed Combat Hat

Section F: Overall Ratings



Section G: Comments (use back of sheet if required)

Please comment on the following points:

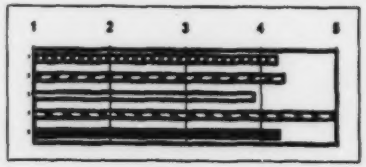
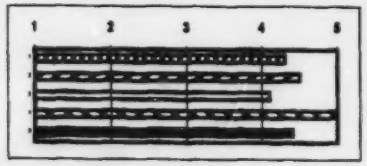
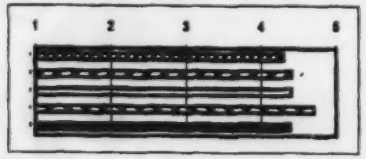
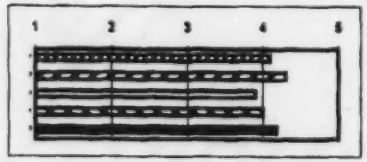
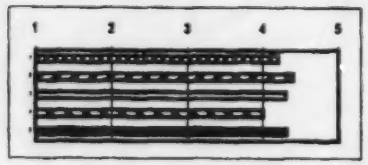
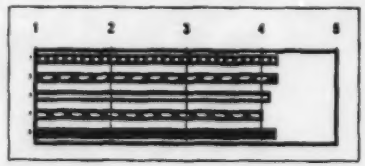
- Were there any noticeable differences in washing, drying or wearing of the CADPAT wide brimmed combat hat compared to the in-service (OG107) material?
- What design changes to the wide brimmed combat hat would you suggest?
- Additional comments?

CADPAT Combat Hat

TIMES GARMENT WORN

	[illegible]		[illegible]		[illegible]		CWO's		
	n	%	n	%	n	%	n	%	overall%
never	11	25.6	5	8.2	4	20.0	24	88.9	29.3
less than 10 times	4	9.3	11	18.0	0	0.0	0	0.0	10.0
10 times or more	27	62.8	45	73.8	16	80.0	3	11.1	60.7
no response	1		0		0		0		

SECTION A: MATERIAL

Item	*Group*	*Mean*	*SD*	**Mean Acceptance Ratings**	*n*	*%n*	*%acceptable*
Colour Fading	PPCLI	4.2	0.9		30.0	69.8	96.7
	3RCR	4.3	0.7		55.0	90.2	100.0
	3R22R	3.9	1.1		15.0	93.8	93.3
	CWO	5.0	0.0		3.0	100.0	100.0
	Overall	4.2	0.8		103.0	83.7	98.1
Colour Bleeding	PPCLI	4.3	0.7		30.0	69.8	100.0
	3RCR	4.5	0.5		55.0	90.2	100.0
	3R22R	4.1	1.2		14.0	87.5	92.9
	CWO	5.0	0.0		3.0	100.0	100.0
	Overall	4.4	0.6		102.0	82.9	99.0
Stain Resistance	PPCLI	4.3	0.8		28.0	65.1	100.0
	3RCR	4.4	0.6		55.0	90.2	100.0
	3R22R	4.4	0.7		15.0	93.8	100.0
	CWO	4.7	0.6		3.0	100.0	100.0
	Overall	4.4	0.7		101.0	82.1	100.0
Shrink Resistance	PPCLI	4.1	0.9		30.0	69.8	96.7
	3RCR	4.3	0.8		55.0	90.2	96.4
	3R22R	[redacted]	1.4		14.0	87.5	85.7
	CWO	[redacted]	1.7		3.0	100.0	[redacted]
	Overall	4.2	0.9		102.0	82.9	94.1
Washability	PPCLI	4.2	0.9		29.0	67.4	96.6
	3RCR	4.4	0.6		55.0	90.2	100.0
	3R22R	4.3	0.8		15.0	93.8	100.0
	CWO	[redacted]	1.7		3.0	100.0	[redacted]
	Overall	4.3	0.7		102.0	82.9	98.1
Dryability	PPCLI	4.2	1.0		29.0	67.4	93.1
	3RCR	4.2	1.0		55.0	90.2	94.5
	3R22R	4.1	0.8		15.0	93.8	100.0
	CWO	[redacted]	1.7		3.0	100.0	[redacted]
	Overall	4.2	1.0		102.0	82.9	94.1

SECTION B: SIZE ISSUED

	n	%	n	%	n	%	n	%	overall%
6-1/2	0	0.0	0	0.0	0	0.0	0	0.0	0 0
6-5/8	0	0.0	0	0.0	0	0.0	0	0.0	0 0
6-3/4	2	6.3	2	3 6	1	6.7	0	0.0	4.1
6-7/8	0	0.0	3	5 4	0	0.0	1	33.3	3 3
7	3	9.4	2	3.6	1	6.7	1	33 3	5 8
7-1/8	8	25.0	8	14.3	2	13.3	0	0.0	14.9
7-1/4	9	28.1	11	19.6	6	40.0	1	33 3	22.3
7-3/8	4	12.5	14	25.0	2	13 3	0	0 0	16 5
7-1/2	2	6.3	8	14.3	2	13.3	0	0.0	9 9
7-5/8	0	0.0	1	1.8	1	6.7	0	0.0	1.7
7-3/4	2	6.3	5	8.9	0	0.0	0	0.0	5.8
7-7/8	1	3.1	0	0.0	0	0.0	0	0.0	0.8
no response	1		0		5		24		

SECTION C: FREQUENCY OF WASHING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	5.8	9	28.1	11.6	16	28.6	0.0	0	0.0	0 0	0	0.0	9 5	25	23 4
Coin Operated	8.5	2	6.3	3.8	6	10.7	0.0	0	0.0	10.0	1	33.3	5.5	9	8 4
At Home	9 2	15	46.9	11 6	40	71 4	13 1	13	81.3	5.7	3	100 0	11.1	71	66 4
Field Laundry	4 0	2	6.3	0 0	0	0.0	4.0	2	12.5	0.0	0	0.0	4.0	4	3.7

SECTION D: FREQUENCY OF DRYING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
Air Dry	8.3	11	34.4	9.1	20	35.7	6.5	4	25.0	1.0	1	33.3	8.3	36	33.6
Hot Tumble	10.6	18	50.0	10.6	45	80.4	10.8	6	37 5	13.0	2	66.7	10 7	69	64.5
Low Tumble	3.5	2	6.3	5.3	4	7.1	30.0	2	12.5	0 0	0	0.0	11 0	8	7.5

SECTION E: FREQUENCY OF WEARING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	18.3	7	21.9	12.8	25	44.6	30.3	7	43.8	8 0	2	66.7	16.4	41	38.3
In the Field	21.8	30	93.8	16.4	55	98.2	33.7	15	93.8	18.5	2	66.7	20.6	102	95.3

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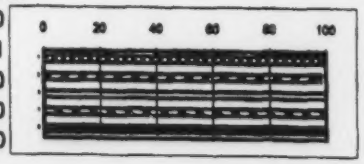
SECTION F: OVERALL RATINGS

Item	*Group*	*Mean*	*SD*	*n*	*%n*	*%acceptable*
Functionality	PPCLI	4.7	0.5	31.0	72.1	100.0
	3RCR	4.6	0.8	52.0	85.2	98.1
	3R22R	4.7	0.6	16.0	100.0	100.0
	CWO	4.7	0.6	3.0	100.0	100.0
	Overall	4.6	0.7	102.0	82.9	99.0
Care	PPCLI	4.5	0.7	30.0	69.8	100.0
	3RCR	4.6	0.6	52.0	85.2	100.0
	3R22R	4.4	1.1	16.0	100.0	93.7
	CWO	4.3	1.2	3.0	100.0	100.0
	Overall	4.5	0.7	101.0	82.1	99.0
Durability	PPCLI	4.6	0.6	31.0	72.1	100.0
	3RCR	4.6	0.6	51.0	83.6	100.0
	3R22R	4.7	0.6	16.0	100.0	100.0
	CWO	4.3	1.2	3.0	100.0	100.0
	Overall	4.6	0.6	101.0	82.1	100.0
Clothing Compatibility	PPCLI	4.6	0.6	31.0	72.1	100.0
	3RCR	4.5	0.8	52.0	85.2	96.2
	3R22R	4.7	0.6	16.0	100.0	100.0
	CWO	5.0	0.0	3.0	100.0	100.0
	Overall	4.6	0.7	102.0	82.9	98.1
Appearance	PPCLI	4.5	0.9	31.0	72.1	93.5
	3RCR	4.5	0.8	52.0	85.2	98.1
	3R22R	4.6	0.6	16.0	100.0	100.0
	CWO	4.3	1.2	3.0	100.0	100.0
	Overall	4.5	0.8	102.0	82.9	97.1
Overall Acceptability	PPCLI	4.6	0.6	31.0	72.1	100.0
	3RCR	4.5	0.8	52.0	85.2	96.2
	3R22R	4.7	0.6	16.0	100.0	100.0
	CWO	4.7	0.6	3.0	100.0	100.0
	Overall	4.6	0.7	102.0	82.9	98.1



SECTION G: COMMENTS

Any noticeable differences in washing/drying/wearing CADPAT compared to in-service material?

3PPCLI

too small to wear
no changes in washing, make sure it fits your head
dried quickly
did not fade as OG107, size issued was too small
it does soak through faster than the old hat in pouring rain

3RCR

no differences in washing, drying, wearing
comfortable to wear
functional, keeps sun off and fits well
I didn't wear item to see durability/drying
good cbt hat brim works well in sun and rain, keeping head, neck dry or from sunburn
I like the hat because it gave much more protection against the sun
dried faster than old hat, keeps the sun and rain off your head more
nice and light
brim could be stiffer, no requirement for neck protector, takes a long time to air dry in the field
no differences in washing the hat
much better washing than inservice field hat, less shrinkage, it seems to be a little heavy for hot weather and bulky in pockets
no difference wash/dry
neck piece works very well in hot, sunny weather in preventing sunburn, works well in strong wind, wide brim keeps rain out of face and eyes very well, did fade in sunlight
it shrunk a bit when washing but it was pretty good when it was a good fit, make it shrink resistant and good to go
hat shrunk close to two sizes after washing and drying, did not wear after shrinkage
about time we received a hat with good sun protection
keeps sun off your back of neck
hat took slightly longer to dry
when it gets wet from rain the brim droops and cuts off a lot of peripheral vision
too heavy, took too long to dry once wet
no changes in washing, really like new hat as I don't look like I belong on the Jimmy Flynn show, much more comfortable and useable
only problem with hat was shrinking in the wash, only a little bit of shrinking occurred
material weighs a ton when wet

3R22R

No changes except it shrinks a little to quickly.
The color fades and it shrinks in the dryer and even when air dried.

CWOs

dries quicker than older material, cadpat hat works well in conjunction with the personal camo net
wrong size
too small
change to a nylon blend of material for faster drying

Additional design changes would you suggest?

3PPCLI

a more shapable brim
for the cats eyes on the back of the hat use a heavier material, because with military insect repellent they melted off
maybe scotchguard it

3RCR

no design changes
only change is to get rid of the detachable neck flop, I've never had a need for it
no changes
cat's eyes & helmet band & neck string excellent ideas, saves me sewing time
design is perfect but lighter material such as the american booney hat is preferable
neck cover is useless, material should be changed
good design job
neck cover - get rid of it, it's the first thing you lose
we should use a lighter material like the usa, we don't need the neck protector
would like velcro 'cat eyes'

3R22R

Make water resistant, the rain passes through quickly.
The velcro flap at the back of the hat isn't used and rubs on the ears and impedes hearing.

CWOs

neck protector is useless, material too hot but most importantly the bright white luminsecent side if facing towards the enemy when you wear it, try using material from the individual cam nets already widely accepted - it works and give some breathability

Additional comments?

3PPCLI

finally a good field hat, good idea w/regards to neck protection
really like the hat
none
I like the smaller brimmed hat like the old ones
great piece of kit
step in the right direction
any changes to the commonly referred to robinhood hat is a drastic and long overdue change, thanks for ridding the CF of this major fashion taboo
best piece of headgear yet, it was good that it could be put in pocket and not be bulky
very comfortable
did not seem as floppy as US style, did not use neck protector
don't change it, I like it exactly the way it is, no more raindrops on my eyeglasses, no more sunburn on ears or back of neck, doesn't blow away in wind, cateyes pre-attached, please don't change it
no changes should be made
do not get rid of this hat, it is comfortable and looks better than the other bush cap
none
big improvement over old style
ensure you have all sizes before issue so everyone can do the trial
good hat
really like the hat, it is great for keeping the sun off, also I think it looks good
good
hat is the best thing about the new combats, hat works well during sunny periods, works well during rainy periods

3RCR

found hat to be excellent, I wore it a lot in Ottawa on connaught ranges the neck piece was also excellent
excellent, not any problems with it
I much preferred the wide brimmed over the one being used currently, the hat was durable and well design, brim could be made more stiff and therefore move maneuverable, overall very good
very good hat
very good hat, functional
none
better hat than current issue, durable and very functional
very efficient hat, good choice
good
good design
I liked it
hat is good, nothing should change
this hat was excellent, had no problems
again hat is 10 times better than what we wear now, a good field hat
good piece of kit
good design
good hat
hat was good idea and it works better than old cbt hat
I liked the hat and recommend no changes
in heavy rain the hat felt larger and the brim would fall down into line of sight, make the brim out of stiffer material
cooler than old hat, better fit, better cam than old
it is perfect

- very good

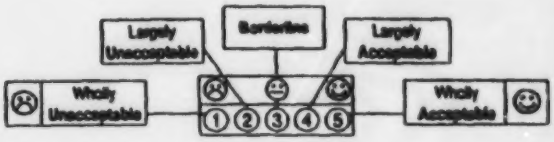
- **3R22R**
  Very good
  Excellent
- The ideal model since it resists water, it's light and practical. Good sun protection.
  The band around the hat for camouflage is excellent, excellent combat hat.
  Very efficient, comfortable, better than the old one, good choice. Good protection from the sun and rain. - Excellent
- I really liked the hat, it was light and very comfortable.

- **CWOs**
- none

RNSUIT

CADPAT Rainsuit

O Never >>>>>>>>>>	[redacted]
O Less than 10 Times	
O 10 Times or More	



Section A: Material

Colour Fading	O O O O O	Stain Resistance	O O O O O	Washability	O O O O O
Colour Bleeding	O O O O O	Shrink Resistance	O O O O O	Dryability	O O O O O
				Abrasion Resistance (colour)	O O O O O

Section B: Size Issued (Jacket)

Height (inches)	67	70	73	76	[redacted]
	O	O	O	O	
Chest (inches)	36	40	44	48	
	O	O	O	O	

Section C: Size Issued (Trousers)

Height (inches)	67	70	73	76	[redacted]
	O	O	O	O	
Waist (inches)	30	34	38	42	
	O	O	O	O	

Section D: Frequency of Washing

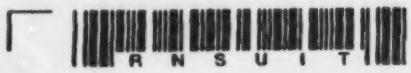
Number of times washed since issue: rinsed (hose or sink) _____

machine-washed _____

Section E: Frequency of Drying

Number of times dried since issue: air dried _____

other _____



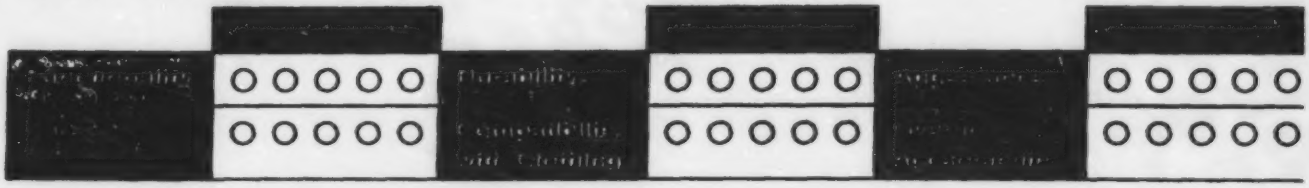
CADPAT Rainsuit

Section F: Frequency of Wear

Number of days worn since issue: in garrison _____

in the field _____

Section G: Overall Ratings



Section H: Comments (use back of sheet if required)

Please comment on the following points:

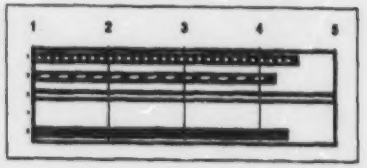
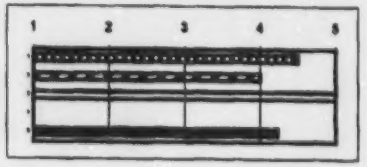
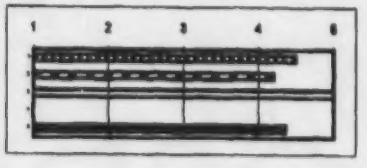
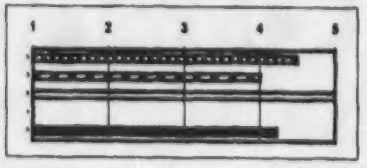
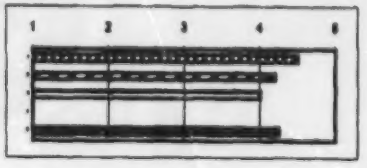
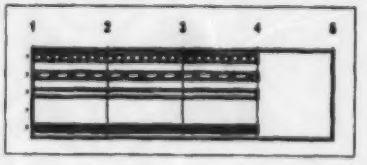
- Were there any noticeable differences in washing, drying or wearing of the CADPAT rainsuit compared to the in-service (OG107) material?
- What design changes to the rainsuit would you suggest?
- Additional comments?

CADPAT Rainsuit

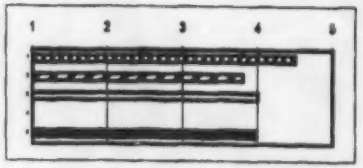
TIMES GARMENT WORN

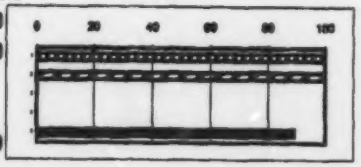
	3PPCU		3RCR		3RZZR		CWOs		
	n	%	n	%	n	%	n	%	overall%
never	41	95.3	55	90.2	19	95.0	27	100.0	94.0
less than 10 times	0	0.0	5	8.2	0	0.0	0	0.0	3.3
10 times or more	2	4.7	1	1.6	1	5.0	0	0.0	2.6
no response	0	0.0	0	0.0	0	0.0	0	0.0	0.0

SECTION A: MATERIAL

Item	*Group*	*Mean*	*SD*	Mean Acceptance Rating	*n*	*%n*	*%acceptable*
Colour Fading	PPCLI	4.5	0.7		2.0	4.7	100.0
	3RCR	4.2	1.0		6.0	9.8	100.0
	3R22R	5.0			1.0	100.0	
	CWO				0.0		
	Overall	4.4	0.8		9.0	8.6	88.9
Colour Bleeding	PPCLI	4.5	0.7		2.0	4.7	100.0
	3RCR	[redacted]	0.9		6.0	9.8	100.0
	3R22R	5.0			1.0	100.0	
	CWO				0.0		
	Overall	4.2	0.8		9.0	8.6	88.9
Stain Resistance	PPCLI	4.5	0.7		2.0	4.7	100.0
	3RCR	4.2	1.0		6.0	9.8	100.0
	3R22R	5.0			1.0	100.0	
	CWO				0.0		
	Overall	4.4	0.8		9.0	8.6	88.9
Shrink Resistance	PPCLI	4.5	0.7		2.0	4.7	100.0
	3RCR	[redacted]	0.9		6.0	9.8	100.0
	3R22R	5.0			1.0	100.0	
	CWO				0.0		
	Overall	4.2	0.8		9.0	8.6	88.9
Washability	PPCLI	4.5	0.7		2.0	4.7	100.0
	3RCR	4.2	0.8		5.0	8.2	100.0
	3R22R	[redacted]			1.0	100.0	
	CWO				0.0		
	Overall	4.3	0.7		8.0	7.6	87.5
Dryability	PPCLI	[redacted]	1.4		2.0	4.7	100.0
	3RCR		0.6		6.0	9.8	100.0
	3R22R				1.0	100.0	
	CWO				0.0		
	Overall	[redacted]	0.7		9.0	8.6	88.9

Item	*Group*	*Mean*	*SD*	*n*	*%n*	*%acceptable*
Abrasion Resistance (colour)	PPCLI	4.5	0.7	2.0	4.7	100.0
	3RCR		0.8	6.0	9.8	100.0
	3R22R			1.0	100.0	
	CWO			0.0		
	Overall		0.7	9.0	8.6	88.9





SECTIONS B&C: SIZE ISSUED

	n	%	n	%	n	%	n	%	overall%
Jacket Height									
67	1	50.0	1	16.7	0	0.0	0		22.2
70	0	0.0	1	16.7	0	0.0	0		11.1
73	1	50.0	2	33.3	1	100.0	0		44.4
76	0	0.0	2	33.3	0	0.0	0		22.2
Jacket Chest									
36	1	50.0	0	0.0	0	0.0	0		11.1
40	0	0.0	1	16.7	0	0.0	0		11.1
44	1	50.0	4	66.7	1	100.0	0		66.7
48	0	0.0	1	16.7	0	0.0	0		11.1
Trousers Height									
67	0	0.0	1	16.7	0	0.0	0		11.1
70	1	50.0	2	33.3	0	0.0	0		33.3
73	1	50.0	2	33.3	1	100.0	0		44.4
76	0	0.0	1	16.7	0	0.0	0		11.1
Trousers Waist									
30	0	0.0	1	16.7	0	0.0	0		11.1
34	1	50.0	2	33.3	0	0.0	0		33.3
38	1	50.0	2	33.3	1	100.0	0		44.4
42	0	0.0	1	16.7	0	0.0	0		11.1

SECTION D: FREQUENCY OF WASHING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
Rinsed (hand only)	0.0	0	0.0	3.0	2	33.3	0.0	0	0.0		0		3.0	2	22.2
Machine	0.0	0	0.0	3.0	3	50.0	0.0	0	0.0		0		3.0	3	33.3

SECTION E: FREQUENCY OF DRYING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
Air Dry	38.5	2	100.0	3.8	4	66.7	0.0	0	0.0		0		14.7	6	66.7
Other	0.0	0	0.0	3.5	2	33.3	0.0	0	0.0		0		3.5	2	22.2

SECTION F: FREQUENCY OF WEARING

	mean	n	%	mean	n	%	mean	n	%	mean	n	%	mean	n	%
In Garrison	72.0	1	50.0	1.0	3	50.0	0.0	0	0.0		0		18.8	4	44.4
In the Field	28.0	1	50.0	4.8	5	83.3	15.0	0	0.0		0		9.7	6	66.7

SECTION G: OVERALL RATINGS

Mean Acceptance Rating

Item	Group	Mean	SD	n	%n	%acceptable
Functionality	PPCLI	4.5	0.7	2.0	4.7	100.0
	3RCR		0.6	6.0	9.8	100.0
	3R22R			1.0	100.0	
	CWO			0.0		
	Overall		0.7	9.0	8.6	88.9
Care	PPCLI	4.5	0.7	2.0	4.7	100.0
	3RCR		0.8	6.0	9.8	100.0
	3R22R			1.0	100.0	
	CWO			0.0		
	Overall		0.7	9.0	8.6	88.9
Durability	PPCLI	4.5	0.7	2.0	4.7	100.0
	3RCR		0.5	6.0	9.8	100.0
	3R22R			1.0	100.0	
	CWO			0.0		
	Overall		0.5	9.0	8.6	88.9
Clothing Compatibility	PPCLI	4.5	0.7	2.0	4.7	100.0
	3RCR		0.8	6.0	9.8	100.0
	3R22R			1.0	100.0	
	CWO			0.0		
	Overall		0.7	9.0	8.6	88.9
Appearance	PPCLI	4.5	0.7	2.0	4.7	100.0
	3RCR		1.0	6.0	9.8	
	3R22R			1.0	100.0	
	CWO			0.0		
	Overall		0.8	9.0	8.6	
Overall Acceptability	PPCLI	4.5	0.7	2.0	4.7	100.0
	3RCR		1.0	6.0	9.8	
	3R22R			1.0	100.0	
	CWO			0.0		
	Overall		0.8	9.0	8.6	

SECTION H: COMMENTS

Any noticeable differences in washing/drying/wearing CADPAT compared to in-service material?

3RCR

only had to wear the top twice, in that time I was dry, never wore bottom - I never did even with the old one
there is no difference in washing, drying or wearing cadpat and the inservice, the colour stays

3R22R

Keeps in the humidity so we get wet anyways.
The zipper is very bad quality

Additional design changes would you suggest?

3PPCLI

put breather vents in the jacket, put zippers in the legs so you can put it on easily over combat boots

3RCR

extremely bright

raingear for some reason appears to be brighter than the caadpat cbt shirt and pants

rainsuit colour is too bright/shiny, a more subdued cadpat would be more acceptable

the rainsuit was too bright and gave off too much shine

since we have gotton our Gortex jackets why not have a gortex rain jacket instead of this, when it rains your wet because this is a garbage bag that does not breathe

3R22R

Need openings under the arms, needs velcro to attatch the hood.

Take off the flap in the back it isn't useful. It should be gortex and should also have gortex pants.

Additional comments?

3PPCLI

not issued

3R22R

I am very satisfied with the rainsuit.

It doesn't let the air circulate, even when it rains, we sweat so much that we are just as wet and we freeze as soon as we stop marching

No quality

CWOs

not issued

not issued

Canadian Disruptive Pattern

Thank-you for taking part in the user trials of the Army's new camouflage pattern, known as the Canadian Disruptive Pattern (CADPAT). This uniquely Canadian design is based on extensive analysis of the Canadian background. It is intended that a number of operational clothing and individual equipment will be available in CADPAT.

Prioritization

Clothe the Soldier (CTS) plans to incorporate CADPAT in the Wide Brimmed Combat Hat, Rucksack, Small Pack, Fragmentation Vest, and Tactical Assault Vest during initial production. For all other items, CADPAT will be incorporated over time. What do you believe the priority for introduction of disruptive pattern in combat clothing and equipment should be?

Item	Priority			
	Low	Medium	High	Not Required
Rainsuit	☐	☐	☐	☐
CTS Fleece Top (IECS Inner Layer)	☐	☐	☐	☐
CTS Fleece Bottoms (IECS Inner Layer)	☐	☐	☐	☐
CTS Lightweight Jacket (IECS Middle Layer)	☐	☐	☐	☐
CTS Lightweight Trousers (IECS Middle Layer)	☐	☐	☐	☐
CTS Parka (IECS Outer Layer)	☐	☐	☐	☐
CTS Insulated Bib (IECS Outer Layer)	☐	☐	☐	☐
CTS Lightweight Thermal Undershirt	☐	☐	☐	☐
CTS Lightweight Thermal Drawers	☐	☐	☐	☐
CTS Temperate Underwear	☐	☐	☐	☐
Combat Vehicle Crewman (CVC) Coveralls (Crewsuit)	☐	☐	☐	☐
CVC Winter Jacket	☐	☐	☐	☐
CVC Winter Insulated Bib	☐	☐	☐	☐
NBC Individual Protective Ensemble Coveralls	☐	☐	☐	☐
NBC Individual Protective Ensemble Carrier	☐	☐	☐	☐
Scarf	☐	☐	☐	☐
Toque	☐	☐	☐	☐
Towel Bath	☐	☐	☐	☐
Towel Hand	☐	☐	☐	☐
Sleeping Bag Inner	☐	☐	☐	☐
Sleeping Bag Outer	☐	☐	☐	☐

Canadian Disruptive Pattern

Sleeping Bag Liner	☐	☐	☐	☐
Sleeping Bag Hood	☐	☐	☐	☐
Sleeping Bag Valise (Carrier)	☐	☐	☐	☐
Bivi-Bag	☐	☐	☐	☐
Poncho-Liner	☐	☐	☐	☐
Shelter Half	☐	☐	☐	☐
Air Mattress (Self-Inflating)	☐	☐	☐	☐
Kit Bag	☐	☐	☐	☐
ERYX Backpack	☐	☐	☐	☐
Personal Weapon Cleaning, Spare Barrel, Accessory Bags	☐	☐	☐	☐
SA Weapon Covers for AFVs	☐	☐	☐	☐
4 Man Crew Tent Fly	☐	☐	☐	☐
4 Man Crew Tent	☐	☐	☐	☐

Comments

CADPAT Prioritization

		Total # of Participant Ratings					
		Priority					
Rank	CADPAT Item	Not Required	Low	Medium	High	No response	n
1	CTS Parka (IECS Outer Layer)	5	10	26	103	7	151
2	CTS Ltwt Jacket (IECS Middle Layer)	5	8	27	105	6	151
3	CTS Ltwt Trousers (IECS Middle Layer)	4	13	33	95	6	151
4	CVC Winter Jacket	8	27	33	73	10	151
5	Shelter Half	13	12	35	79	12	151
6	Rainsuit	5	21	31	85	9	151
7	Bivi-Bag	16	17	27	83	8	151
8	Poncho-Liner	12	19	37	75	8	151
9	Sleeping Bag Valise (Carrier)	16	22	29	76	8	151
10	CTS Insulated Bib (IECS Outer Layer)	14	20	34	72	11	151
11	ERYX Backpack	16	27	37	63	8	151
12	Personal Weapon Cleaning, Spare Barrel, Acc. Bags	26	31	31	55	8	151
13	Toque	21	24	40	59	7	151
14	CVC Winter Insulated Bib	14	33	48	46	10	151
15	CTS Fleece Bottoms (IECS Inner Layer)	32	28	31	54	6	151
16	NBC Individual Protective Ensemble Carrier	15	39	44	45	8	151
17	4 Man Crew Tent Fly	23	38	33	49	8	151
18	4 Man Crew Tent	21	40	33	49	8	151
19	NBC Individual Protective Ensemble Coveralls	15	41	46	41	8	151
20	CTS Ltwt Thermal Undershirt	30	33	32	49	7	151
21	CTS Fleece Top (IECS Inner Layer)	26	32	34	53	6	151
22	Scarf	17	38	48	41	7	151
23	Sleeping Bag Outer	41	32	33	38	7	151
24	SA Weapon Covers for AFVs	39	31	33	38	10	151
25	Kit Bag	44	37	25	37	8	151
26	CTS Temperate Underwear	44	34	27	39	7	151
27	Air Mattress (Self-Inflating)	53	33	24	33	8	151
28	CTS Ltwt Thermal Drawers	39	34	33	38	7	151
29	Sleeping Bag Inner	55	38	27	24	7	151
30	Combat Vehicle Crewman (CVC_Coveralls (Crewsuit)	22	46	46	29	8	151
31	Sleeping Bag Hood	50	43	26	24	8	151
32	Sleeping Bag Liner	64	34	25	20	8	151
33	Towel Bath	65	52	14	12	8	151
34	Towel Hand	67	52	13	12	7	151

GENERAL COMMENTS

3PPCLI

these combats worked very well in the field, once you washed the combats a couple of times the colour faded and they looked pretty good. This cam pattern never showed stains and that was a good thing. Overall these combats worked very well and I would wear mine to the field when ever I can.

focus on clothes and boots, from there it's wherever, some kit why change to cadpat keep od no need to change everything, focus on kit we'll really use in the field we don't use all our issued kit (rare)

overall I liked the pattern and the feel and look of these combats

like new combats I don't think you should change them at all

got to have the rear right pocket back most of all, only need one colour name tag

excellent garment lets get it on the shelves

anything that keeps a foot soldier warm and dry keeps a soldiers morale high

there is no need to have camoflage underwear

soldiers need the proper clothing to complete their work and jobs in all theatres of war and tasking it's about time that the infantry is finally starting to see some good kit for once

should be issued gators to protect boots and socks, make a rain cover for ruck sack (ie. Like winter one but water proof), get rid of the open space in the cuffs of the shirt, when the new pants get dirty the button holes stretch and always become undone.

don't waste money on anything but outer garments

put the cadpat on the material that is actually used in the field, and that people actually use, bring back the dust covers

in conclusion, I think the CADPAT is ideal for field operations/training in that the pattern is suitable camoflage for summer/fall seasons, but I think the disruptive pattern isn't necessary for garrison

everything worn on outside should be the cam as well as field equipment and ruck and webb gear

3RCR

being in the infantry we need new equipment, that's why everything is high, it's about time Canada starts to take care of its soldiers, the faster the better

the main thing is that we get the combat uniforms out there fast - it seems like this procedure could go on forever, they work, great cam etc., give it to the troops, main thing is body armour better rucksack and the main thing is the load bearing vest, this is essential troop movement and versatility, everybody knows this stuff is better than what we have... anything would be, lets just get it going on already

use a non-field unit, as per issue of new clothing issue only to field operational units first then the rest of the military "speaking as a field unit member"

lets get this equipment into the system soon, the longer we take to issue essential kit especially before UN tour the more we look like a rag tag army

other than t-shirt, I like the clothes

good pattern, proved to provide better cam in field than the old cbts

priority should be on personal comfort items that will be used the most, ie. Jacket, parka, sleeping gear we now have is fine for the immediate future

priority to boots, rucksack, daypack

priorities should always go to the 031 MOC, operationl and field equipment, not airforce or log or any other garrison based trade, get this stuff in the bush were it belongs, with the infantry and other combat arms

any outer garment such as jacket, parka or items such as a rucksack should be incorporated quickly since the cadpat and our current issue look ridiculous when you mix them

the only items that should be cadpat are thoise that will be visible from the outside (shirts, pants, jackets, headdress, scarf)

we should receive rucksack etc. as soon as possible, the ones we have now are way out dated

overall I liked the cadpat uniforms we must make a priority to outfit our soldiers with up to date kit, so we stay current with the rest of the world so we don't get laughed at when we go on exercise or tours in other countries

good to go

I put high priority on items to state that we need this kit asap not in 10 years more for 031 moc than other trades (airforce, clerks, etc), lets kit out the right soldiers first than worry about non field or operational ones

introduce cadpat to items which are required for field and will not be covered by winter white (ie. Parka), priority should by to summer, fall and spring kit and not winter kit

why put new pattern on winter only and under garments?

afv crews eqpt should not be prioritized as when they are in the veh they do not req the cadpat when they are tactical outside they will have normal cbt clothing anyway

I am very pleased with the overall appearance and comfort of the new cbts, they work extremely well in the field, I hope this program continues, however I wish it was faster because I'm excited to use new good kit for a change

all new matching kit is high priority for field use as well as morale and a professional look to our military, our old rusty outdated gear needs to be improved so that we are not embarrassed on exercises with other countries in theatre

I find this pattern to be limited, no good for open fields, it's ugly too, too bright

bring it on as fast as possible

I found the pattern on the cbts hard to take at first after being in the field I saw that the design was excellent, in low light conditions at distances of 10m or more, personnel were hard to see if not 'invisible', very good ideas

winter kit - there is no need unles it is done in white, clothing like underwear - there is no need

work on clothes first than equipment

camoflage works well, t-shirt too hot, pants require rear right pocket and storm cuffs

3R22R

If you keep the same design but take off the fluorescent green that ruins the outfit. Use a more tame color like kaki green with black sable and brown, anything that won't hurt my eyes.

Just as civilian as military. Bad design of the camouflage.

The vest and light pants would be useful as soon as possible, but I don't need shorts in camouflage to be efficient in the woods even in the light infantry. Don't be rediculous.

It should be realized that it is important that the priority be given to the combat units.

The sleeping bag size is wrong and very uncomfortable.

Priority is different for different units. Camouflage is important but for clothing that is under the combat shirt and pants, the old stuff suffices.

Review the sleeping bag, there are smaller ones available and are better to work with.

CWOs

None

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14 ABSTRACT

(U) A new Army camouflage pattern, known as the Canadian Disruptive Pattern (CADPAT) has been developed after years of computer based testing and development The Clothe the Soldier project will incorporate the new camouflage pattern in the initial production of some of its items. To obtain user feedback, five CADPAT items (combat shirt, combat trousers, T-shirt, rainsuit, and wide brimmed combat hat) were developed and distributed to soldiers for the purposes of a User trial Several design changes were incorporated into the trial garments It was determined that the Army Combat Clothing and Equipment Survey System (ACCESS) would be used to gather feedback and information regarding the CADPAT clothing This feedback would be used to determine which changes would be included in the final production.
The primary aim of the project was to obtain feedback on washability, wearability, and durability of the CADPAT print on the textiles used in five CADPAT items These included combat shirts, combat trousers, T-shirts, rainsuits, and wide-brimmed combat hats

The secondary aim of the project was to obtain feedback on the specific design feature changes incorporated in the CADPAT uniform Feedback included individual acceptability of each design change, and acceptability as part of the total uniform

Packages with instructions were sent and distributed to CADPAT user trial participants at three Army Units including LFCA (3RCR), LFWA (3PPCLI), and SOFT (R22eR). Respondents completed the questionnaires in classrooms under the supervision of a representative of DLR Completed packages were collected by the DLR representative and returned for data reduction and analyses Some CWOs from areas across the Land Forces also received some CADPAT trial items. These participants were mailed questionnaires along with return envelopes. A Focus group was held following the preliminary analyses of the questionnaires to identify issues regarding the CADPAT items

The questionnaires were completed by 43 regular force soldiers from 3PPCLI, 61 participants from 3RCR, and 11 CWOs Detailed questionnaire results are provided for each CADPAT trial

item. For each CADPAT trial clothing, items rated acceptable overall by less than 80% of participants or with overall mean ratings less than 4 "Largely Acceptable," (on a five-point scale) are identified and discussed in detail. Relative focus group comments are provided for possible design guidance. Participants indicated that outer-garments, the Rucksack and the TAV should be given higher priority for introduction of CADPAT in combat clothing and equipment.

French translation of abstract in progress

15. KEYWORDS, DESCRIPTORS or IDENTIFIERS

(U) CADPAT, user trial, camouflage, clothing & equipment, soldier satisfaction, user opinion, survey, combat clothing, human factors, questionnaire